

ISSUE OF 20,000 SHARES OF £2 EACH.
A dividend of 10 per cent. per annum, payable quarterly, will be guaranteed for a period of three years upon the whole of the paid-up capital.
THE MALDON GOLD MINING COMPANY (LIMITED).
VICTORIA, AUSTRALIA.
Incorporated under the Companies Acts of 1862 and 1867, whereby the liability of shareholders is limited to the amount subscribed.
Capital £50,000, divided into 25,000 Shares of £2 each.
(Present issue £40,000, in 20,000 shares of £2 each).
Payable—10s. on application; 10s. on allotment; 10s. in three months, and 10s. in six months.

DIRECTORS.
Colonel W. M. COCHRANE, 8, Notting Hill-terrace, W.
ANDREW GRAY, Esq., 1, Lime-street square, E.C., Director of the Malabar Gold Washing Company (Limited).
T. F. HENLEY, Esq., C.E., 56, St. George's-square, South Belgrave, Director of the New Zealand Kapanga Gold Mining Company (Limited).
FRANCIS IRVING, Esq., Wimbledon Common, Director of the Bowden Hill Manganese Mining Company (Limited).
J. R. STEBBING, Esq., J.P., Manor House, Millbrook, Southampton, Director of the Mutual Society, London.

BANKERS.
The LONDON JOINT STOCK BANK, 5, Prince's-street, City, and The BANK OF VICTORIA, at Maldon, Victoria.
MANAGERS.
Messrs. REED and LOVELL, 1, Guildhall Chambers, E.C.
MINING INSPECTOR AND MANAGER.
Mr. WILLIAM SALTER, F.G.S., Manager of the Thornhill Reef Gold Mining Company (Limited), at Maldon, Victoria.
SECRETARY—Mr. W. B. COBB.
OFFICES—62, CORNHILL.

PROSPECTUS.
This company has been formed for the purpose of purchasing and working two rich mineral estates, known as the Bell's Reef and the North of England Reef, both being situated in the famous Maldon division of the Castlemaine mining district, of the Colony of Victoria, Australia. They are held under leases from the Crown, renewable according to the custom of the colony, at small yearly rents amounting together to £17 0s. 10d.; and there is no royalty. Taken together, these valuable claims comprise an area of over 100 acres.

The Bell's Reef property is most advantageously placed for mining operations. Two parallel lines of gold-bearing quartz pass through its entire length (about 900 ft.), one of which has been opened, and partially worked, with very profitable returns. The stuff obtained is unusually rich, the last 945 tons of quartz taken from the mine averaged 16 dwts. 5 grs. per ton, which, with the use of proper machinery, would enable the company to realise a very handsome result. Experience has shown that quartz with 4 dwts. of gold in the ton will pay expenses. Assuming that the average should be 10 dwts. (in place of 16 dwts. 5 grs.), it is estimated that, with a weekly output of only 500 tons of quartz, the net produce after payment of expenses would amount to £400 per week, or £20,000 per annum.

The shaft, which is in good order, is 280 ft. deep, and a cross-cut has been driven through the lode, where it shows a thickness of 13 feet, and is well defined. The mine has hitherto been worked by horse-whim, and the appliances, owing to the want of capital, are of a rude and primitive character. The machinery on the ground consists of a 12-inch cylinder horizontal engine and boiler, with brick shank, 12 leads of rotating stamps, two pairs of revolving Chilian mills, blanket tables, ripple tables, &c., for amalgamating and retort furnaces, with smithy, all housed; also a lift and large reservoir for supplying the stamps with water.

The North of England Reef comprises, in the lease to be taken over by the company, a total of 2200 feet of gold-bearing quartz. There are three lodes, passing through the whole length of the property, averaging from 3 to 4 ft. in width. These have been chiefly worked superficially, but a shaft has been sunk on one of the veins to a depth of 190 ft., the last crushing from which yielded about 15 dwts. per ton. This mine was stopped from want of funds, but there can be no doubt that it will prove exceedingly productive when energetically and effectually worked. A weekly output of 500 tons, at 10 dwts. to the ton, would represent a net yearly revenue of about £31,200.

The vendor has agreed to invest in approved Government stock, in the names of two trustees (one of whom shall be nominated by the directors), a sufficient sum as a guarantee for the payment of a dividend of 10 per cent. per annum on the paid-up capital for a period of three years, long before which period it is expected the company will be deriving the full benefit of the proposed additional works.

These properties are not introduced in mere reliance upon rich specimens submitted for examination, but upon the reports of Messrs. William Salter and Robert Nankivell, in whom the directors have the greatest confidence. The former has for the last 15 years been successfully engaged in gold mining, and the latter is mining surveyor for the district of Maldon, Victoria. Both these gentlemen have carefully inspected the mines, and are of opinion that they are amongst the best in the whole district, and offer a safe investment for capital. Their reports which are published herewith are also confirmed by:—
Robert Joseph Laurence, Esq., Justice of the Peace and President of the Shire Council of Maldon.

Richard Tobin, Esq., Justice of the Peace and Councillor for the Shire of Maldon.
H. M. Kenzie, Esq., Justice of the Peace and Councillor for the Shire of Maldon.
J. B. Jones, Esq., Secretary for the Shire of Maldon.
John Tate, Esq., Journalist at Maldon.

The directors also call attention to the following extract from a letter written by J. R. Griffith, Esq., Manager of the Bank of Victoria at Maldon:—
"I beg to state that the claim and ground known as the 'Bell's Reef' has produced a very large quantity of gold, averaging in price £4 per ounce, is considered in this district to be *bona fide* mining property, and of great value."

The transfer of the whole property, including plant, buildings, rights of way, and improvements, will be made to the company for the sum of £30,000, of which the vendor has agreed to payment partly in cash and partly in fully paid-up shares of the company, at the option of the directors.

The reports, plans, and other documents can be inspected at the offices of the company, as also a Memorandum of Agreement, dated the 26th day of June, 1873, between Joseph Zalmonson of the one part, and William Boyce Cobb of the other part.

Application for shares to be made on the form accompanying the prospectus, with a remittance of 10s. per share to the bankers or to the secretary of the company; if no allotment be made the money will be returned without deduction.

REPORTS.
We, the undersigned, hereby certify that we believe the statements made in the accompanying reports on the Bell's and North of England Reefs, Maldon, to be correct, and that the properties are well known to us, and are *bona fide* mining properties.

Robert Joseph Laurence, Justice of the Peace and President of the Shire Council of Maldon.

Richard Tobin, Justice of the Peace and Councillor for the Shire of Maldon.

H. M. Kenzie, Justice of the Peace and Councillor for the Shire of Maldon.

J. B. Jones, Secretary, Shire of Maldon.

John Tate, Journalist at Maldon.

Mr. WILLIAM SALTER, F.G.S., reports:—

Maldon, April 21, 1873.—Herewith I hand you reports and particulars of mines. By the plan forwarded you will see the position the property occupies, and by certificates and reports you will know as to its *bona fide* status. The properties are held on two leases of 15 years each from the Crown. The one, in the North of England line of reefs, is 9 acres 3 rods and 20 perches, the lode worked only to a very shallow depth. The shaft was 180 ft. deep, with a lode in it 4 ft. wide, and the last crushing from sinking the shaft gave three-fourths of an ounce, or £3, per ton. The cost of breaking, raising, and crushing, after the ground was opened out, would be about £1 to 25s. per ton; the quantity of stone that could be raised would depend upon how much ground was opened out, and if well opened, say 500 tons weekly. This mine has no machinery, and it would not require anything more than a horse-whim, till the new shaft is sunk to a depth of 190 ft., 90 ft. of which is already sunk. The Bell's lode is a lease of 7 acres and 26 perches, the depth of the shaft is 290 ft.; there is a very strong lode in this mine, some places 30 ft. thick, and was very rich at the surface; the stone can be broken and crushed for 20s. to 25s. with the ground was opened, and more extensive crushing appliances than those now on the ground. The mine has hitherto been worked by horse-whim; the main shaft is in good working order, both being timbered and skidded. The machinery consists of a 12-inch cylinder horizontal engine and boiler with brick shank, 12 leads of rotating stamps, 2 pairs of revolving Chilian mills, blanket tables, ripple tables, &c., for amalgamating, and retort furnaces, with smithy, all housed in a house; lift and large reservoir for supplying the stamps with water, the embankment being 300 ft. long. I have forwarded some specimens of the quartz taken from the last run of the gold, worked about 140 ft. from the surface, and the following are some of the returns, being an average of 16 dwts. 5 grs. per ton, viz. 945 tons yielded 765 oz. 13 dwts. 10 grains gold. But, with an average of 10 dwts. per ton on 500 tons weekly, the profit should be £400, or at the same rate per annum £20,500.

I enclose letter from the manager of the Bank of Victoria, Maldon, and certificates signed by the President of the Shire of Maldon and the Justices of the Peace, certifying from their personal knowledge as to the *bona fide* status of the properties. None of the parties whose names are attached to this document have any interest whatever in it. The mines can be cheaply worked, and no doubt can be entertained of their value, as the parties signing the different documents fill the highest positions in Maldon, and have resided there for many years.

WM. SALTER.

Report on the Bell's Reef and North of England Mines, situated in the Maldon division of the Castlemaine Mining District, Colony of Victoria, by Mr. ROBERT NANKIVELL, Mining Surveyor to the District of Maldon:—

"BELL'S REEF.—This property is held under lease from the Crown, and comprises an area of seven acres and twenty-six perches. The length of the reef is nine hundred and ninety feet (990); two parallel lines of gold-bearing quartz lodes pass through the entire length, one of which has been slightly prospected; the other was first opened in the year 1855 by a Mr. Bell, whose name it bears. Mr. Bell and mate realised a large sum of money within a short time from a small claim of about twenty-four feet in length along the line of the reef, the stuff being very rich; on its abandonment by Mr. Bell several claims were taken up by parties of Germans along the line of the reef, and successfully worked for several years; their yields from the quartz ranging from seven pennyweights to twelve ounces per ton. Some hundreds of tons from these claims, crushed at the Great Western Company's Crushing Mills, gave from two to three ounces per ton. Several of these, after selling their claims, left for Europe, since which the mine has been continually worked in the old rude and expensive manner of working formerly worked on the gold fields. The last 945 tons of quartz taken from the mine averaged 16 dwts. 5 grs. per ton. This considered, if the mine were systematically worked by the aid of proper machinery, would afford handsome dividends, after deducting working expenses, as the rock being of a schistose formation and the water light, is comparatively inexpensive to work. The lode through this mine is about half a mile east, and parallel with the line of the celebrated Nuggety Reef, mentioned in margin of the plan herewith attached. At the south east angle of the lease block a grant of

about four acres of ground has been obtained from the Government as a site for machinery, a dam for depositing tailings from the crushing-mills. The mine is advantageously situated for carrying on mining operations, being so elevated that the quartz taken therefrom can be conducted to the kilns (if required), and from thence to the crushing-mills, at a very trifling expense. It has also the advantage of a good water-shed, and dam sufficiently capacious to afford a supply of water all the year round for crushing purposes. The longitudinal section shows the depths of the shaft and the ground taken out at the bottom of the main shaft (280 feet from the surface). A cross-cut was put through the lode, where it shows a thickness of 13 feet, being well defined, and containing gold. I may also state that the whole of the debris taken from the mine has been purchased and carted away to the crushing-mill in the district. This would not have been done had it not contained a sufficient quantity of gold to pay. By way of conclusion, I may state that, in my opinion, the prospects of the mine offer a good opportunity for investment of capital.

"NORTH OF ENGLAND MINE."—This property is held under lease from the Crown, and comprises an area of 9 acres 3 rods 20 perches. Three lines gold-bearing quartz veins pass through the block lengthways. The length of the lease block is 700 ft., thereby giving a total of 2200 ft. of gold-bearing lode within the boundary of the lease. The mine was first opened in 1858, by a North of England man, who gave it the name it bears. This man and mate held the mine for a period of seven years. During that time they worked the mine, as shown in the longitudinal section, taking the whole of the reef out from the surface to a depth of 60 ft., and about 100 ft. in length, the crushing from which ranged from 7 dwts. to 8 ozs. per ton. Nothing was done below this other than sinking the shaft to a depth of 190 ft. from the surface. In the bottom of the shaft the lode is 4 ft. thick, the last crushing from which yielded 15 dwts. per ton of gold. The two other lodes shown on the plan have been worked from the surface to a depth of 36 ft. The thickness of the lodes is about 3 ft.; the yield of gold per ton 15 dwts. to 1 oz. Owing to the zig-zag formation of the North of England reef, as shown in the cross section, it was considered advisable to sink a perpendicular shaft on the east, so as to strike the lode at a depth of 170 or 180 ft.; this shaft was sunk to a depth of 90 ft., when it was stopped for want of funds.

"An inspection of the plan shows the position of this property to be one of the best in the whole district, being in the direct line of the renowned Eagle, Hawk, and Linscott's reefs, which have been continuously worked for the last 15 years, and produced such enormous yields of gold (see notes in the margin of the plan). The character of the rock through which these lodes pass is schistose, and easily worked, and any persons or companies wishing to invest in mining could not have a better opportunity."

ROBERT NANKIVELL, Mining Surveyor.

Maldon, April 23, 1872.

THE PROSPECTUS OF THE MAUGHOLD-HEAD MINING COMPANY (LIMITED), WITH PLANS AND REPORTS, SENT FREE.

Capital now to be raised will be employed not to try an experiment, but to increase the output of mines now in work, and yielding an excellent profit on the capital employed.

Within one month more than 500 tons of the best red hematite iron ore have been shipped from the mines to Cumberland at a profit of £1 per ton.

At this rate, even with the present very inadequate appliances, and after payment of office expenses, a profit of £10 per cent. per annum on the whole £50,000, the nominal capital of the company, is shown; but not even two-fifths of such capital have yet been employed in the mines, and the dividend calculated on the portion of the capital actually employed would be about 25 per cent. per annum.

If one-fifth more of the capital were now to be judiciously expended, the iron ore in sight and ready to be raised would increase the profits to nearer 50 per cent. per annum, and in addition would enable the directors to sink at once upon a very rich copper lode, which even at the surface yields numerous stones of copper ore, estimated to be very valuable, the copper being of the richest quality.

Extent of mining sets, 935 acres.

Dynhane Lodes, analysed by Fred. Claudet, Esq., Assayer to the Bank of England:—"Percentage of metallic iron, 62.00. This ore is of very good quality, and resembles in composition the red hematite of Cumberland."

Ballaorra Lodes, analysed by Henry M. Nod, Esq., Ph.D., F.R.S.:—"Iron, per cent, 61.34. An iron ore of first-rate excellence."

THE SHARE LIST WILL SHORTLY CLOSE.

Registered Office, 30, John-street, Bedford-row, W.C.

GREAT WESTERN (FOREST OF DEAN) COAL CONSUMERS' COMPANY (LIMITED).

Capital £120,000, in 6000 shares of £20 each.

£5 on application, £7 on allotment; three months' notice of further calls.

No call to exceed £5 per share.

DIRECTORS.

EDWIN CRAWSHAY, Esq., Abbot's Woods, Cinderford, Forest of Dean, Chairman and Managing Director.

HENRY RICHARD LUCKES, Esq., Riverdale, Newnham, Forest of Dean (Director of Ross and Monmouth Railway Company).

FRANCIS NASH, Esq., Coleford, Gloucestershire, Colliery Proprietor.

GEO. WELLS OWEN, C.E., 7, Westminister Chambers, Westminster, S.W. (Chairman of the Silkestone Fall Colliery Company).

ARTHUR J. SHINNER, Esq., Cheltenham.

WM. WYLIE, Esq., Ashfield, Ross, Herefordshire.

BANKERS.

GLoucestershire BANKING COMPANY, Newnham and Lydney.

Or their Agents, the UNION BANK OF LONDON, Prince's Street.

Solicitors—MAURICE F. CARTER, Newnham.

COUNTY OFFICES—NEWNHAM, GLOUCESTERSHIRE.

SECRETARY—FREDERIC ASGILL CARTER.

PROSPECTUS.

It is proposed to take over the Royal Forester and Cannop Level Collieries, in the Forest of Dean, with all the plant, machinery, engines, buildings, stock, &c., and the land held therewith from the Crown, for the erection of all necessary work-shops, cottages, &c., at £40,000.

The mines are held direct from the Crown, under the well-known Forest Tenure, which vests the mines, and the land on which they are situated, in the Crown, in this instance is only threepence per ton; this is subject to revision every 21 years, and the land or certain rent is £120 per annum, merged into royalty; there is a sum of £2700 standing to the credit of these collieries, which will be repaid in royalties, and be a source of profit to this company to that amount.

The extent is over 400 acres superficial area, and quantity of coal in the different veins, estimated upon the established rules of calculation, over 6,000,000 tons.

Two shafts have been sunk and worked in the crop of these collieries, which proved their excellent quality, and their value has been fully tested and proved by the workings of other well-known collieries on all sides of these properties.

Hitherto the Forest of Dean coals from the western side of the Forest have been mainly exported by shipping, there being a well-appointed port at Lydney (which has been enlarged and improved) for collier ships; but the Severn and Wye Railway Company having recently converted their tramway into a narrow-gauge railway, forming a junction with the Great Western Railway at Lydney, these collieries having their own siding to the Severn and Wye Railway, coals may now be loaded into trucks at the pit's bank, and require no changes or transhipment for the narrow gauge system of the Great Western Railway; a cheap, direct, and expeditious transit is assured.

The present price of coal would show a very large profit, which it is not necessary to point out in a prospectus, but taking the ordinary working profit it is not less than 4s. 6d. per ton net.

It is proposed to sink the present shaft down to the excellent Churchway High Delf Vein, a distance of only 40 yards from the bottom of the present shaft, to put up the necessary additional steam-power, and sink the second shaft required under the Mines Regulation Bill, and so put the collieries in full working order up to an output of 400 tons per day; to do this the proposed capital will be ample to all requirements, and the time and cost to carry out and well execute this work will be materially lessened by the shafts already sunk, and the engines, winding gear, &c., are of ample strength to carry out the sinking.

It is customary to make estimated calculations of future dividends, but the real value of good colliery property is now so well understood that it has been preferred to state the facts in connection with these collieries, their extent of acreage and quantity of coal; and as there is no anticipated difficulty of any kind to the promptly carrying out of the work, there can be no question of its proving an investment of a highly remunerative character, paying large and growing dividends as the output is increased by the opening up of the collieries.

It is proposed that all shareholders in the company shall have the privilege of buying coal (in trucks of 8 or 10 tons) direct from the collieries at the wholesale merchant prices. In itself, in present times, this would be a handsome dividend, whereas such an arrangement would not diminish the dividend of the non-buying shareholder, as the profit is estimated per ton on the basis of this arrangement, and the company would make arrangements for the delivery of the coal at the London and other stations.

This is worthy of special notice: there is no danger from fire-damp; in the Forest of Dean all workings are carried on with open lights.

Mr. Crawshaw has agreed to accept, as remuneration for his services as managing director, in lieu of salary, £5 per cent. on the net profits.

The only contract entered into is dated the nineteenth day of March, 1873, and is made between John Hooper of the one part, and Maurice Frederic Carter, on behalf of the company, of the other part.

The Contract and Memorandum and Articles of Association may be seen at the office of the company's solicitor.

FORM OF APPLICATION FOR SHARES.

To be Retained by the Bankers.

To the Directors of the GREAT WESTERN (FOREST OF DEAN) COAL CONSUMERS' COMPANY (LIMITED).

GENTLEMEN.—Having paid to your bankers the sum of £ , being a deposit of £3 per share upon shares in the above company, I request you will allot me that number of shares, or any less number, and I hereby agree to accept the number so allotted, and to pay all future calls that may be made thereon; I further request that my name may be placed on the register of shareholders.

Name in full _____

Residence _____

Dated _____ 1873. Profession or description _____

If not convenient to make the deposit with the bankers of this company, this form may be sent by post to the secretary, with crossed cheques or money orders made payable to him, in which case the bankers' receipt will be returned to the applicant.

*** THE SHARE LIST WILL CLOSE ON JULY 11, 1873.**

THE GREAT AUSTRALIAN GOLD MINING COMPANY (LIMITED).

WKINS' HILL, TAMBAROORA, NEW SOUTH WALES.

Registered under the Companies Acts, 1862 and 1867.

Capital £200,000, in 100,000 Shares of £2 each.

Dividend into 75,000 A shares, and 25,000 (fully paid-up) B shares, the latter which are taken in part payment for the property. Out of the first dividend the A shares will be entitled to a preference one of £10 per cent., and the B shares will be entitled to a like dividend, and the balance in hand to be divided (*pro rata*) between the A and B shares respectively.

The shares now offered to the public consist of 75,000 A shares only, on which will be payable 5s. on application, 15s. on allotment, the balance, if required, to be paid in three months, and the balance of not less than 6 months.

Of the 75,000 shares upwards of 40,000 are already subscribed for by the directors and their friends, and the balance of 35,000 shares is now offered for public subscription.

In the event of no allotment being made, all moneys received for shares on application will be returned in full.

Applicants desiring to pay up in full on their shares can do so, and will be entitled to a dividend on the amount paid, and avoid all further liability.

DIRECTORS.

The Right Honourable LORD GRAVES, Thanckes, Devonport, Chairman.

The Most Noble The MARQUIS OF CLANRICARDE, K.P., 17, Stratton-street, Piccadilly.

CHARLES APPLEYARD, Esq., Chesterfield House, South Kensington, and Kynaston Lodge, Harrow Weald, Middlesex.

General H. ERSKINE HICKS, East India United Service Club, and 44, Albemarle-street, W.

HENRY CYRIL GRAVES, Esq., 4, Chester Place, S.W.

The Honourable Sir TERENCE AUBREY MURRAY, Knt., Member and President of the Legislative Council of New South Wales.

CHARLES NICHOLS, Esq., B.A., Civil Service Club, Sydney, and Managing Director of the "Long Drive" Gold Mine, Hawkins' Hill.

THOMAS FRANK PATRICK KAVENAGH, Esq., B.A., Managing Director.

TRUSTEES.

The Hon. Sir TERENCE AUBREY MURRAY, Knt., Member and President of the Legislative Council of New South Wales.

The Honourable Sir JAMES MARTIN, Knt., Q.C., Member of the Legislative Assembly, New South Wales.

CHARLES NICHOLS, Esq., Civil Service Club, Sydney.

EDGAR HUNGERFORD MINTON, Esq., Hill End, Tambaroora.

SOLICITORS.

London—CHARLES APPLEYARD, Esq., 1, New Square, Lincoln's Inn.

Sydney—ALFRED EDMUND JAMES, Esq., 74, Elizabeth Street, Sydney.

BANKERS.

London—THE LONDON AND WESTMINSTER BANK, Temple Bar.

Sydney—BANK OF AUSTRALASIA.

AUDITORS.

Messrs. JOSEPH and JOHN SAWYER, Public Accountants, 3, Adelaide Place, London Bridge, E.C.

SECRETARIES.

London—ROBERT PRESCOTT APPLEYARD, Esq., 28, Connaught-square, Hyde-park, W.

Sydney—JOHN SPENCER WALTER, Esq., 9, Lincoln's Inn Fields, W.C., and Elizabeth Street, Sydney.

TEMPORARY OFFICES—No. 1, NEW SQUARE, LINCOLN'S INN, W.C.

EXTENT AND PARTICULARS OF PROPERTY.

This company is formed for the purpose of acquiring and working the "Great Australian Gold Mine," secured by a Crown license under the "Gold Fields Act, 1866," and situated on the celebrated Hawkins' Hill, in the district of Tambaroora, in the colony of New South Wales. The lease is granted for a period of 14 years (with the power of renewal), of which about 14 are yet unexpired, the longest period for which the Crown has power to grant a license under the "Gold Fields Act, 1866," and identical in terms with all mining licenses granted in New South Wales and Victoria. The property is subject to a ground rental of 40s. per annum.

This (as will be seen on reference to the accompanying plan) is the largest mining property on the Tambaroora gold field, and has an area of 25 acres. Its natural position is hardly to be surpassed. It is traversed throughout its entire length by a broad belt of lodes, all more or less auriferous. Stone of a high quality has been discovered at comparatively shallow depths within the area of the mine itself. The mines directly north and south have proved the paying character of these lodes, and the property may be said to be surrounded by the richest mines in the world, as the annexed extracts will abundantly prove:—

EXTRACTS RELATING TO NEIGHBOURING MINES.

Sydney *Empire*, Nov. 14, 1872.

"BYERS and HOLTERMANN'S CLAIM.—The all-absorbing topic of interest has been the unprecedentedly rich yield of gold from Messrs. Byers and Holtermann's Mine at Hill End. On Saturday morning, the 19th October, a mass of mineral shot out richer than anything that has ever been seen in the mine. The yield was about 5 ft. long by 2 ft. wide at one end, and tapering to a point at the other, with an average thickness of 1 in. It was as much as 12 men could manage with crowbars to convey it from the mouth of the shaft to the treasure room, and required all their strength to help the winch horse to raise it out of the shaft. It weighed 1,088 ozs. The crushing is still going on, and Messrs. Byers and Holtermann expect 400 ozs. more."

"PAXTON and HOLMAN'S MINE, recently sold for £140,000, has its main shaft sunk to a depth of 300 ft. The last crushing gave a return of 499 ozs. and £17,490, from only 2 tons of quartz."

"BROWN'S MINE, only 37 ft. in length, has yielded £50,000 within the last eighteen months."

"KROHMANN'S MINE.—The main shaft is 230 ft. deep. A recent crushing gave the almost unparalleled return of 7133 ozs. to the ton."

The above enumerated returns, which it would be easy to multiply, showing the almost boundless richness and permanent character of the Tambaroora gold field, are a few of the startling yields which have served to win capitalists from all every part of the Australian continent, and given the district a world-wide reputation. Within a few months only the investments of capital on Hawkins' Hill have considerably exceeded £1,000,000 sterling.

The Sydney correspondent of the "London Times," of April 15, 1873, writes:—"The Western gold field continues to exceed expectations, especially the rich mine at Hawkins' Hill. Krohmman's and Holtermann's late crushings have given the share market into dangerous activity."

PROSPECTS OF THE MINE.

(As will be seen from the extract taken from the "Hill End Observer and Tambaroora Herald" of Dec. 25, 1872, printed at the end of the prospectus.)

The average yield of the crushings from Hawkins' Hill is 10 dwts. to the ton. It is hardly necessary to state that one-fifth of that average, working this mine upon a comparatively limited scale, would more than suffice to pay back its cost annually to shareholders. Thus, supposing 200 tons to be crushed per week, and yielding as low as 4 ozs

[The following text is extremely faint and largely illegible due to poor scan quality. It appears to be a continuation of the document's body text.]

LONDON GENERAL OMNIBUS COMPANY.—Traffic returns for week ending June 29. 11,4097. 8s. 9d.

Mining Correspondence.

BRITISH MINES.

[illegible][illegible]

WALLACE MIMBLK—Capt. Daniel, June 27: Underground Operations: The men in the 210 level have got on favourably, as also the men in the cross-cut at the 210 level. The stope in the 210 are much the same as when last reported on. The stope in the 210 are much the same as when last reported on. The stope in the 210 are much the same as when last reported on. The stope in the 210 are much the same as when last reported on.

point of no draw-back. — Mitchell, July 1. The mine continues to open up exceedingly well, and the following is an estimate, as near as I can get at it, of the several workings that are now being operated on:—Copper Mine: The stope in the bank of the No. 1 level will produce 35 cwt. of rich grey and variegated copper ore per fathom. Two stopes in back of the 102, west of No. 4 shaft, will each yield 36 cwt. of copper ore per fathom. A stope going down in the bottom of the 90 is worth fully 3 tons of copper ore per fathom. The No. 2 level is now being opened up, and is sampling about 10 tons of copper ore, and has a sufficient quantity broken to make a small stope in the No. 3 level. — Iron and Manganese: At Crabrope the stopes in the back of the level will yield 16 tons of iron and manganese, being about two thirds of iron and one third of manganese; we have also discovered this lode at a shallower level in the same hill, where the lode will turn out 10 tons of iron per fathom. Heasley lode, in the adit driving west, is producing 8 tons of iron and manganese per fm. Two levels driving in the bottom of the shaft, at Crabrope Hill, are worth 10 tons of the before named ore per fathom. At Sutherland, the No. 1 level, in the bank of the No. 2 level, is rich iron ore per fathom. I may here mention that this is the best of hard hematite ore. The level driving into the western hill is opening out satisfactory rate, and the lode is worth 8 tons of iron and manganese per fathom, and the ground easy for dispatch; the men are getting good wages at 30s. per fathom. No. 2 lode, driving in the same direction, has considerably improved in the last few days by the discovery of a branch of a "kidney-iron," which is the first I have seen by in the district, but, notwithstanding, from certain indications that I have seen, I have the greatest reason to believe that it did not exist. We are now working another and masterly lode on Castle Hill, about midway between Crabrope and Stouff, within the Bamfield property, from which we are now breaking large rocks of red hematite iron ore, over 500 cwt. each. I have also discovered several additional lodes to those mentioned above, but having quite sufficient ore discovered in our present workings we shall not operate on the new lodes at present.

REDFOOT CONSOLS.—Geo. Rowe, Joseph Mitchell, July 2: There is no particular change in the size or character of the lode in the 107 fm. level, driving west from the mine shaft, in the past week, although the lode is still showing a satisfactory and our progress accordingly. The winze sinking below the 45 is progressing very satisfactorily, and the lode of the same promising description, with fine stones of ore and very strong mundie, altogether of a very cheering character.

REDFORD UNITED.—W. Phillips, June 26: We find it practical to continue driving by the side of the lode in the different levels another week. The lode will be taken down throughout the mine, and proved in time to report on next week.

—W. Phillips, July 3: South Lode: The lode in the 47' east has much improved in the last few fathoms, being now 2½ ft. wide, and worth from 3 to 4 tons of good quality ore per fathom, with every indication of making a fine course of ore. We continue to drive by the side of the lode in the different levels on the north lode, which will be reported on next week.

BAEN CAELAN. — W. H. Trezoning, July 2: Costean Pit for Esair-hir Lode. The pit is now laid open for 50 yards in length, and in depth varies from 20 to 47 ft., whereby we have fairly exposed the rock 17 fathoms in length, and cut out the benches of the lode, which is 10 ft. in thickness, and is covered with a spillup. On your instructions, Capt. Davis (Bronfford) was on the mine last Tuesday, and we carefully together examined the lode. We fixed upon driving a shaft into the hill side from the northern end of the costean pit, in a line bearing N. 10° E. and 10° S. of E. and we are confident that we will reach the lode in settled ground at about 7 or 8 fathoms; and, as the ground rises, the shaft will reach the lode in that distance be under firm cover; therefore we shall turn and drive on the

course of the hole, which is running about 5° south of east, which level will come under the road about 18 fathoms deep. The general meeting being fixed for 10:30 a.m. the mine, we shall endeavor to get the new 40 ft. diameter water-lift in place, and the old one removed, before the close of the day.

W.G. → W. T. Harris, J. Barkell, July 2: We are rapidly progressing with the boring and securing the 148 and 143, preparatory to fixing the plunger, and other work in the engine-shaft; this will be commenced very shortly, most of the pit being now out of the water. The pitches continue to yield lead and blende in small amounts for some time past. The dressing and all other surface work is pushed forward as fast as possible.

TRANSFLOYD—John Davis, July 3: There is no change here; all the points of operation are just the same as reported on last week. With a very scanty supply of water we are forced to pump to the top of the mine, to the bottom, but can only get about six hours a day. There is now, however, no rain, and we are confident that until we get a full supply for our machinery we can draw but little steam. I am confident that we have more than 150 tons of lead ore broken in the levels ready for shipment, and of course, you get your underground on the day of the half-yearly general meeting (10th), you and the members will be able to see the mine and the machinery in good order. We sent 9 tons of ore on Monday over wire tramway to the engine-house, which, when sent on, will make 105 tons 19 cwt. delivered this half-year to Burns.

BRUNNEN—Geo. Spargo, July 2: I have let the driving of the 32, east and west of the shaft, stented the month, at 7 $\frac{1}{2}$ lbs. per fathom, including all cost. The lode in both levels continue to present very promising appearances. We have daily completed clearing and widening our main water course, which I hope to do by Saturday, so as to enable us to get the mine clear of water again by Monday. The stope in the back of the 22, on the north part of the lode, is let at 2 $\frac{1}{2}$ per ft., and continues to yield a similar quantity of lead to that before reported. We are now preparing a parcel of lead for market as fast as possible. Machinery working well.

BRUNNEN—M. Rickard, S. Trudgian, July 2: The south lode in the level east is still large, and much in character as when last reported on. The open workings in the lode are being proceeded with, but we have not yet reached the better portion of it, but hope to do so by another fortnight. We shall at once commence to run the new engine-shaft, drop pitwork, and erect the necessary pumping appliances, and no time will be lost in urging the matter forward. We are pleased to confirm our report of the south lode, and to say that it has further improved; it now yields some very rich branches of tin, superior to anything as yet seen.

BEDNICK—S. Trudgian, July 2: The south lode in the level east is still large, and much in character as when last reported on. The open workings in the lode are being proceeded with, but we have not yet reached the better portion of it, but hope to do so by another fortnight. We shall at once commence to run the new engine-shaft, drop pitwork, and erect the necessary pumping appliances, and no time will be lost in urging the matter forward. We are pleased to confirm our report of the south lode, and to say that it has further improved; it now yields some very rich branches of tin, superior to anything as yet seen.

SICK CONSOLES.—J. Rawling, July 2: Since my last report satisfactory progress has been made, and the tribute pitches are yielding their usual quantity of tinestuff. Our steam-stamps work well, and other operations are without notice.

BURRA BURRA.—A. J. Brown, T. Jenkin, July 2: We shall complete the cutting down of the east end of Tanner's engine-shaft by Saturday next, when we shall be as quick to sink below the bottom by the fall power of men, to reach the 50 as the same as possible. In the 40, west of Tanner's engine-shaft, we have a big R. mine, composed of spar, mudstone, flookan, and peach, with good stones of copper ore. In the 40 end, east of Tanner's engine-shaft, the lode is 3 feet wide, principally mudstone and spar, and good stones of copper ore; this end is letting out more water, and we think we are nearing the east course, and after getting through this we expect shortly to have the shoot of ore gone down in the level above: this we regard as a very important point. In the 30 cross-cut, driving south on the cross-raise, the end is in a beautiful channel of ground; no lode or branch cut there was not in our last. The east end of the 40, and the 30, are the same as we cut in from surface to the 18; we have also raised the collar of the shaft, and the 20 cross-raise horse-wheel. The whim round will be completed by Saturday next. No. 1 stopp, rest of Vial's winze, in back of the 30, is worth for blends 1 ton per fathom.

and about $\frac{1}{2}$ ton of copper ore per fathom. No. 2 stop, in back of the 30, east of the 30, is up 7 fms. from the back of the level. We have tested the old men's work, and were the blende is taken away we are cutting through the copper lode to prove it, and when we get through the lode we will send you the result. No. 3 stop, in the back of the 30, east of Jenkins' winze, at Berryman's point, is worth for copper ore $1\frac{1}{2}$ ton per fathom, and $\frac{1}{2}$ ton of blende per fathom: a good-looking lode. We shall sample a parcel of copper ore in a fortnight from this time, to be sold with the western sale. All operations are being pushed on.

CAREGYNON.—T. Lodge, July 1. North Lode. In the 70 fm. level no lode has been taken down since my last, but intend to do so, both east and west, the latter part of this week, when I will advise you. The 60 fm. level west end is without change, yielding saving work. The 60 cross-cut north is into a strong lode, yielding coarse, saving work—a promising lode. Richards's winze, below the 50 fathom level, is worth 100 per fm. The stop in the 40 fm. level east end, east of Jenkins's, is worth 70 per fm. South Lode. The stope below the 20 fm. level west is worth 60 per fathom. The stope in back of the 20 fm. level is worth 60 per fathom. The stope in the back of the 20 fm. level east is worth 80 per fm. No other change in the bargains. Machinery all working well, with a full supply of water. I have let all the carriage to and from the port of Aberystwith of all ore.

CAPE CORNWALL.—Rich. Pryor, John Davey, July 2: In the rise above the 100 fm. level we are carrying the south part of the lode, which is about 2 ft. wide, composed of iron, spar, and fine stones of mundic, with a kindly appearance. In the 100 fm. level cross-cut, driving north of engine shaft, the end continues in the same congenial channel for mineral, and the water, principally coming from the bottom of the end, is increasing.

CAPPAGE.—W. 10th, June 28: In the 104 fm. level end, west of skip-shaft, which is driven 21 fathoms, we have a promising lode, and favourable change in the ground: and in driving about 4 fathoms more we shall intersect the great cross-course—that is, if its underlie is the same as in the level above; this is a very important point to be reached, as we shall not doubt at the intersection make a valuable discovery of ore. The 115 is driven east of skip shaft 6 fms. 3 ft. through a fine lode, and now the level is opened the south lode can be taken down to great advantage. This level is driven west of skip-shaft 10 fathoms, and in taking down the lode at the south side we have fine stones of rich ore, and from the favourable change in the ground we are evidently getting near the south lode. The skip-shaft is being sunk as fast as possible under the 115 with 12 fms. We intend to sink the 115 to 125 fms. The south lode, which is in the south side of the shaft, and contains rich yellow ore; it is nearly vertical, and as the main lode in the north side of the shaft consists of rich purple and grey ore, carbonate of lime, quartz, &c., and underlies south, we may look forward for important results when the lodes unite or form a junction. All the machinery at surface and underground is in thorough working order.

CARADON and **PHENIX CONSOLS**.—James Kelley, July 2: At the commencement of the rise at the back of the adit level for the new shaft we made but slow progress in consequence of the hard ground we had to contend with. We have now reached the killus, and I am pleased to say we are making very good progress as the men rose 5 fms 2 ft. last month, making in all 14 fms. 1 ft. We have, it is calculated, to rise 30 fms.; this is 14 more than we anticipated, but has been made up by the rise of the lode. On Saturday last we set the rise to six men, at 6 ft. per fathom, stemmed the month. Immediately we holed to the surface we shall commence sinking from the adit level with six men, and rise from the 60 with another pair of men.

CARGOLL.—E. Michell, July 2: We broke some good lead to-day from the west

end, and there is not a leader half way up the level.

CARN CAMBORNE.—George Rowe, William Penberthy, June 28: The lode going down on the north, or foot, wall of the engine-shaft below the 55 is showing an improved appearance, yielding copper and tin to the value of 40¢ per fathom. The north lode in the winze sinking below the 65 is a little disordered by a patch of granite forming in the centre, which has reduced its value to 30¢ per fathom; this selling off we consider only a temporary, and judging from present appearances we are inclined to think that in a few feet further sinking the lode will improve to its former value. The lode in the stope, at the back of the 50 is worth 10¢ per fathom. All other points are without change.

— John Bray, July 3: I am glad to inform you of considerable improvement in the 25 since my report of June 26. This level is now producing 8 tons of ore per fathom, worth (say) 25¢. The winze under this level has also improved.

CASTLE AN DIMS.—S. Symons, July 3: During the past week we have been actively engaged in the prosecution of the work referred to in last week's report. The 25, on the course of the elvan east, is being driven by a full pare of men. The level has been diverted further south, where the ground is much more favourable for driving. The ground driven this week is 6 ft., in addition to which the cutting south has been done. I have set the drive of this level for the month at 31. 10s. 6d. The level is now about 15 fms. from the 25, and the new incline shaft, where the new incline shaft will come down. The new incline shaft is being urged on as rapidly as possible. We are now down nearly 15 fms. from surface, so that there are only about 10 fms. more to be sunk to reach the 25, when a very considerable quantity of tin-stuff will be laid open, and easy of removal to the stamps. It should be borne in mind that nothing has been done east of the engine-shaft below the 15. At this point in the last working the quality of the tinstuff was found

to be equal to the rich tin work west of the engine-shaft.

CASTLE GATE.—Thomas Parkyn, July 2: I have put the men to sink under the adit on Brenton's lode. I find it 2 ft. wide, and some very rich stones of tin and found the same quality of the same opinion as at first in reference to this lode, that if a shaft be sunk on it (say 15 fms. under the adit, it would be found valuable, and this could be done very cheaply by a portable steam-engine, which I recommended to be done some time since.

CATHEDRAL.—Joseph Mitchell, July 3: The sinking of Colonel's engine-shaft below the adit level is being forced on by a full pair of able men as fast as possible, and with the most promising character, and we believe that before long it will lead to a rich course of copper ore very soon. On Doctor's lode the tributers are working in good earnest.

CATHERINE AND JANE.—George Williams, July 2: Penrhyn-ydr-naeth: The lead looks well in the Roman lode, and the water is very strong; we have gone down about 2 fathoms in the new shaft, and have cut the lode over the trench in the hanging, but not through to the heading. We had about 2 fathoms of soil, which has been a great assistance. We had several shodles of lead on the back: I expect to cut through about the middle of next week, and am preparing rods, pumps, &c., to put in. We are still raising lead from our new lode. All looks very well.

Very Respectfully,
 W. B. WYNOE, J. Pauli, July 9; I beg to hand you a report on this mine.
 The water being out of the mine again, the following bargains have been set to-
 day:—The 104, to drive east of winze, by six men, at 165s. per fm.: nothing has
 been done here since last report owing to the water being in. The stope over this
 level, 40 fms. east of shaft, is let to six men, at 75s. per fm.: lode worth 1 ton of
 lead ore per fm. The stope over same level, 30 fms. east of shaft, is set to six men,
 at 75s. 6d. per fm.: lode worth $\frac{3}{4}$ ton of lead ore per fm. The stope over same,
 20 fms. east of shaft, is let to six men, at 75s. per fm.: lode producing 15 cwt. of
 lead ore per fm. The stope over same, 5 fms. east of shaft, is let to four men, at
 67s. 6d. per fm., with a consent met with in the 92 west we have suspended this point for
 the present. The stope over the 80 fm. level, 20 fms. west of cross-cut north, is
 suspended, lode having become poor. The stope over the 56 east is let to four men,
 at 75s. per fm.: the lode here will produce 14 cwt. of lead ore per fm. We have
 now a pretty good supply of water, and the dressing, &c., is being pushed on as

CRENER AND WHEEL ABRAHAM—William Kittie, John Vivian, July 2: In Sturt's engine-shaft sinking below the 215 the lode is 1½ ft. wide, having a kindly appearance. In the 215 end west the lode is 1 ft. wide, producing good stones of copper ore, but little tin. In the 216 end west the lode is again better, and runs one down in the bottom of the 203 about 15 ins. west of the hole.—**Crener Shaft:** In the rise above the 160 the lode is split into two parts, each yielding a little tin. In the 130 end east the lode is 4 ft. wide, producing a great deal of muncie and a little tin and copper ore, but not enough to value.—**St. George's Shaft:** In the 130 end west the lode is 4 ft. wide, producing from 1 to 2 tons of copper ore, but little tin. In the 120 end west the lode is making good stones of copper being the 119. We have not yet been able to find

good progress in sinking below the 190's. We have not yet been able to get a good haul to the 200's. The 200's are very small and the men are not working. There is no alteration in the ground since last advised. -Pelly's engine shaft is sunk 14 fms. below the 231, and the men have finished their contract. We shall put them to drive north at once to get in a little way, then we shall cease to divide, and bed-punk the shaft to bottom. In the 234 east we have four men rising against the winze sinking below the 220; the lode is small and poor, but the 220 is a little better. The 220 is 1 1/2 ft. wide, producing stones of copper ore; it is down about 10 fms., which we hope to hole this month. In the 220 end east the lode is 4 ft. wide, yielding 1 ton copper per fathom, and likely to improve. There is no change in the western part of the mines since last advised. We have

explored this week on tunnel, 84; tribute, 42; surface, 48; total, 174.
CWM DWYFOR.—T. Colliver, July 3: Since the last report we have taken down more of the north part of the great lead lode going east, and find it over 2 ft. wide, a solid mass of muffle and lead; the continuation of the lode is a large, irregular, bedded mass of mottled gray and white, with a thin, gray, siliceous, broken thin. We have cut a large vein in the west end, a large stream of water is flowing from it, and splendid lead each side. From the slope in the west end we have taken out some excellent lead; the lode at this point is much improved. A blast in the sink at the side of the great lead lode took out a piece of the lode. The lead looks splendid, and we have yielded more silver in depth. The remaining blocks of the lode are now waiting to be worked out. The lead lode by next week. The walling for the big stands will be completed this week.

infalling for the 100 adits with of complete this week. The 10, east of engine-shaft, June 28: The stone, on the back of the deep adit, is yielding lead and blende ore about 14 cwt. per fathom. We have cut through the influence of the cross-course in the 10 fm. level, west of engine shaft (reported to you this day week). The lode has a very kindly appearance, and is producing from 18 to 20 cwt. of lead and blende ore per fathom. The rise is opened to the old sink under the deep adit level large enough for men to go through. The lode is not yet stripped down, as there is a pile of rubbish under the rise. The cross-cut south in the 10, east of engine-shaft, has proved most satisfactory: a fine branch of silver-lead ore is intersected (no blende), and with from 13 to 15 cwt. per fathom. The deep adit, south of the rise, is striking out large quantities of water, all appearances of the lode here are very encouraging. The new 16-ft. diameter water-wheel is erected, and the remaining part of the work will be carried on next week.

men carried on Monday, June 19. In Gill's lower level west, on Henry Taylor's lode, the lode is 3 ft. wide, worth 1 ton of lead per per fathom. We her to state that we have cleared out the cross-cut in the 15, which is 25 mts. west of forebrest in Gill's lower level, on Henry Taylor's lode. As we have seen many joints dropping into the Comet lode a little further east, we do not feel justified in making anything more here until we prove more of the bearing of the lode in the level above. Our stops and tribute pitches are looking just as usual. All our machinery is in good working order. We are getting on with the dressing of the 15, as usual. On Tuesday, June 20, the shaft men are engaged in cut ting ground for catches, and other work preparatory to fixing the permanent pitwork, which will be forced on with all speed. In the deep ad level driving west the lode is 3 ft. wide, composed of capel, peach, mundie, and judging from its favourable appearance we look forward to an early improvement. In the 30, west of the cross-course, the lode is from 4 to 5 feet wide, composed of a fine capel, quartz, mundie, peach, spotted with copper ore, and produces a little thin stack of the foundation of the granite, which has been broken up by the boiler house, &c., and all the spalls. The engine men are busily engaged in fixing the heavy parts of the engine, and we hope to have the cylinder fixed in a few days. The necessary surface work will be carried on with as small a number of hands as possible.

DEN HIGHSHIRR CONSOLIDATED.—J. Pryor, July 8: In the 66 west the lode is 3 ft. wide, bearing an improving appearance. In the 112 west we are expecting to send good news, as the whole character of the lode is highly satisfactory. In bottom dump the lode is 3 ft. 6 in. wide, and for 18 in. is rich ore, the last 18 in. being a little better than the rest. In the 112 east the lode is 3 ft. 6 in. wide, but not 300'. In the incline we have some good lead ore in sight. In the 112 east the lode is 5 ft. wide, and letting out water, which is a favourable sign.—Perry's shaft: We are sinking and driving here, meeting with solid lumps of ore, but not in position to run of ore here before long. In the dressing floor we are making good progress.

DRAKE WALLS. W. Skewis, E. Dunstan, July 3: The water is drained to the bottom of the 40 fm. level lift, and we commence forking below this point to day. Nothing can continue to work more satisfactorily than the engine and pitwork generally. We have to-day commenced drawing the tributers' work from the 140 fm. level, at Matthews's shaft. The tributers in the adit and 30 fm. level, we have to-day shifted, have worked into the south end of the mine, and the water continuing from there, the former workers are making it altogether 12 ft. wide, worth 30, per fathom. Large returns will now be made from these places. We are also pleased to say that we find the average value of the tributers' work from underground to be 33 lbs. of black tin to the ton of stuff, and that from the rough burrows at surface to be 12 lbs. All other matters are progressing satisfactorily.

WINDY GREAT CONSOLS.—James Richards, July 1: At South Maria the water is nearly got out to the depth of the 70, and we hope soon to commence driving that level west.—Latchley Consols: In the winze (Elli's) sinking below the 60 the lode is 4½ ft. wide, consisting of capel, quartz, muddle, and both copper and tin ores, worth for the former 2½ tons of ore per fathom. The lode being hard to pass, in order to get down as quickly as possible, to sink in the country by the 60, the 60 level is suspended, and the 60 level is more favourable for progress. The 60 ft. level west is suspended for the present until the lode is proved to a greater depth in Elli's winze. In the back of this level, the 60 west, a rise (Wood's) has been commenced, in which the lode is worth 2 tons of ore per fathom. In the stope in the bottom of the 50 west the lode is worth 3 tons of ore per fathom. This stope is suspended, and the men are put to sink a winze in the bottom of the 50, to come down upon and to communicate with Wood's rise, referred to above, which being resumed will be resumed to much greater advantage than at present. The 50 level is being driven in the back of the 50 west, and the rise is being driven in the 50 level. The 50 level is worth 1½ ton of ore per fathom. In a stope in the back of the 20 west, and west of the cross-course, the lode is worth 2 tons of ore per fathom. On the whole, the prospects of the mine are improved.

EAST BALLESWIDDEN.—Thomas Trahair, July 2: The mine is in fork as deep as the 40 fm. level; we find the ground all taken away as far as we have gone. We shall commence clearing the 40 at once. Looking at the different lodes and the different intersections in the eastern part of the mine, I believe there is every chance of the mine becoming a great success. We shall have a parcel of tin to sell next week.

WEAST BLACK CRAIG.—T. Cogar, July 2: Our No. 2 cross cut and 108 fathoms level have been driven about 4 fathoms through a splendid ore, and we have not yet reached the north wall. The forecast is poor or lead at present, but the character of the ground is such that we may expect to cut it again any moment. We have done nothing to the other cross-cuts since last reported upon. The men have been employed side-shooting same, and are breaking splendid lead; this will enable us to keep up our samplings, for we shall not get the usual quantities from the stopes this month, as we have been employed getting in a large quantity of packing for safety and convenience of working. They are still looking well, and are yielding their full quantity of ore, over 1½ ton to the fathom. I hope to get in sufficient ore to get away from the usual quantities again in breaking ore. I expect to get away the usual quantity for the month. Machinery and all surface work doing well.

EAST BOSCASWELL.—W. Eddy, July 2: We have cleared the slopes at the 130, and on Saturday propose letting them on tutwork, also to drive the 150 west of tram hole. This must be done with all speed, so as to get this level under the run of tin ground worked at the 120. Saturday next being our pay and settling day a full report shall be sent on.

EAST CHIVERTON.—R. Southey, July 2: The sumpmen are making their usual progress in sinking the engine-shaft below the 52: this is being done by nine men, as much as they can sink for the month at 10 $\frac{1}{2}$ 10s. per fathom. During the month of June the shaft has been sunk 10 fathoms, and contains a considerable quantity of friable quartz and flookan, and is highly mineralised throughout; the same is running about parallel to the lode, but of a much flatter underlie, consequently it will fall into the lode before reaching another level. It is satisfactory to see these droppers to the main lode, which augurs well for the next level; the stopes, consequently, will be greatly increased after the deeper levels are opened up.

EAST LLANGYNG. E. Pascoe, June 30: Since last report we have reached the clay-slate in the deep adit, the bastard granite having formed a regular wall south of it. I believe we are now in the right direction for lead; the character of the ground is all that can be desired. In the winze sinking below No. 3 level we have holed through to No. 4 level; this winze has been sunk on the junction of the north and south lodes, and has opened up, to all appearances, a fine run of stoping ground. We have commenced to rise on the north lode in No. 4 level; the men took down the lode in the rise last Saturday; it is worth fully 30l. per fathom. The two western ends in No. 4 level are looking very promising, both yielding savings of work, with indications of improvement. We have holed the rise from the back of the slope on south part of lode in No. 4 level to No. 3; the distance driven was, through a course of ore worth fully 47l. 10s. per fathom. The upper part of the ore, out to the mine are, is of the best quality. We have also holed through to the lode in several ends this week; I will give the value and full particulars in my next report. We have sampled 35 tons of lead, for sale on July 5.

next report. We have sampled 35 tons of lead, for sale on July 5.

EAST POLBERRO.—W. Johns, July 1: In sinking No. 1 shaft the lode is split into bunches, and the ore is produced in a drift south from these bunches. The lode is producing good saving work, and kindly for turning out tin of good quality. No. 2 shaft is still looking very well, the lode 2 ft. wide. We are raising plenty of tinstone against the stamping power is ready. I think that those two points are likely to turn out plenty of tin. The stope in back of adit on counter lode, under No. 1 shaft, has very much improved in the past week for copper ore, producing tin. This stope is looking well. No. 2 stope, north on counter lode, is producing copper, tin, and muncie; lode 2 ft. wide, with a very kindly appearance.

In driving the adit south on counter lode the engine is producing some very good work, and the ore is of good quality. I have been very much pleased to see it do so.

In the south adit we have met with some clearings, where I hope to get on a little faster clearing.

Little faster clearing.—R. and J. Pryor, N. Bartle, July 2. The only changes that have taken place throughout the mine during the past week are in the tin lode in the winze sinking below the 80 fm. level, on the tin lode, which is now worth for tin 20¢ per fathom; and the lode in the rise in the back of the 50, on the 50, which is worth for tin 20¢ per fathom and produces a small amount of lead and grey copper ore, with a good appearance. Since last setting-day we have set several additional turtow and tribute bargains. The laying down of the tram-road at the 110, as well as the cutting of the plat, will be completed by the latter part of the week. There is no further change throughout the mine requiring comment since last report.

EAST WHEEL LEVELL.—R. Quentall, July 2: The mine continues to look quite as well as reported last week.

EAST WHEEL SETON.—William Pascoe, Henry Arthur, July 3: We have forked the water to the back of the 50 at Henrietta, and we hope with good speed to drain this level by the end of the week and secure the accident that we had to the plunging of last week. We have also dined Cartwright's shaft a few feet below the level which has enabled us to work one stop to the west of this below the 34, which is now worth 4 tons of ore per fathom, and hope with good speed to be in full operation on our ore ground next week.

EXCELSIOR.—G. Rickard 1, July 3: The ground in the western engine shaft still remains equally good for sinking, and rapid progress is being made, and is now down a little over 8 fathoms. The lode in the eastern shaft is not quite so productive as last week, owing to some patches of granite coming in from the footwall; we regard this as only temporary, and look forward to find it in a few feet further sinking as productive as before. The lode in driving west of this shaft is producing good work, but, owing to the fall in the level, the good work is being taken away at the bottom of the level to be taken away at some future time. We have hauled to-day the air-shaft with the south adit level, which as afforded good ventilation. The engine arrived on the mine yesterday, and every exertion is being made to get it to work as early as possible.

FLORIDA.—J. S. Williams, July 3: I beg to hand you our setting list for July, 1873:—No. 1 stope, in back of the 20, has been set to two men, at 3/7. 7s. 6d. per cubic fathom, this will yield 20 cwt. of lead per cubic fathom. No. 2 stope, in back of 20, has been set to four men, at 3/ 5s. per cubic fathom, will yield 20 cwt. of lead per cubic fathom. No. 3 stope, back of the 20, has been set to two men, at 5/ 6s. per cubic fathom. No. 4 stope, back of the 20, has been set to two men, at 5/ 6s. per cubic fathom. To drive east 3 fathoms below the 10, to go under the bunch of ore in the big stope in the 10, has been set to two men, at 5/ 6s. per fm., takers to wheel their stuff back to the plat: this is worth 15 cwt. of lead per fm. No. 1 stope east of winze, has been set to four men, at 50s. per cubic fathom, takers to wheel their stuff to plat, &c.: this will yield 25 cwt. lead and blende per cubic fathom. We are pushing on with the dressing to rock and ore, and will be ready to start on Monday next, Saturday, the 6th inst. of lead and upwards. Our machinery is in good working order underground and on surface, and do its work well.

is in good working order under the same old auriferous lead level, pay and setting day, the following conditions have been made: To drive the 45 fm. level east of Saw's shaft, at \$7. 15s. per fathom, stent the month, or to cut the cross-course; we ought to have intersected the cross-course before this time, supposing it to hit our regular underlie—2½ ft. per fathom—but we hope to cut it very soon. The 45 fm. level west is re-let to four men, at \$5. per fathom : this end is not yet through the channel of ground,—which appears to be disordered by the lead lode ; there is branch in the present end producing good stones of copper ore, and no doubt, the clear of the influence of the lead lode, the copper lode will be found productive. The slope in the bottom of the 35 fm. level is re-let to four men, at \$8. 10s. per fm. lode 3 ft. wide, producing a little copper, and its usual quantity of muddle. Verlan's engine-shaft has been sunk 6 ft., and is now in regular course of sinking nine men.—Penzance: The end of the 30 fm. level is now in regular course of sinking, and has been extended to the 20 fm. level, where it is re-let to two men, at 17. per fathom : operations will be carried on more vigorously. In the eastern part of this property we have cleared up an old pit, in which we discovered the silver bearing vein which is producing silver ore in paying quantities in the adjoining property, and only 30 ft. east of the pit we have opened, referred to above; this we are pushing on by four men, and hope to commence sinking the latter part of this week.

PORTESQUE ('1.)—Thomas Phillips, July 2: Great Hewas loafe, in Jamez winze, is worth over 50¢. per fathom. The loafe in Hosken shaft is 6 ft. wide, and worth 30¢. per fathom. The loafe in Desmond shaft is 5 ft. wide, and worth about 40¢. per fathom. The loafe in Hooke shaft is 4 ft. wide, and worth about 40¢. per fathom. The loafe in Hooke shaft is 4 ft. wide, and worth 25¢. per fathom. The loafe in the stope is worth 20¢. per f.n.—Harold & Shift: We have struck the loafe in the 20 ft. cross cut; it is producing some rich stones of tin. I will write you as to its value in the course of a day or so. The main body of the loafe is about 4 ft. wide, and measures 10 ft. by 10 ft. The calciner for the roasting of the loafe. The stamps will be ready in the course of a few days.

FRANK L. MILLS, J. Cornish, F. Cornish, N. Addams, July 2 In the 30 ft level south the lode is cut out, and we have commenced a cross-cut east to ascertain whether it has been heaved in that direction: the cross-cut is now in about 6 ft., and the end is being crossed by small branches of lead ore, and shows indications of the lode being in advance. The lode in the 45, driving north, is quite small, and smaller, and not so productive for lead ore as the 30 ft. level, and, in general, unfavourable, and we hope it will soon improve again. In the opposite end, driving south, the lode is only produced in small branches of lead ore. The waste sinking in the bottom of the shaft, and along about 15 ft. of the lode in which is producing about 15 tons of

Lode 2 feet wide, worth 9¢ per fm. The winze sinking below the 28 fm level to six men, at 11½ per fathom; lode 2 feet wide, worth 8¢ per fathom. The 15 m. level to drive west of eastern shaft, by four men, on the south side, at 9¢ per fathom. The said lode to take down east by side of level by four men, at 7½ 10s. per fathom. Lode averaging 3 to 4 feet wide, and worth from 12½ to 15¢ per fathom. The rise in back of the 15 east, against new or eastern shaft, by six men, at 13¢ per fathom; as intimated in the last report, the lode will not be taken down until a communication is effected. The new or eastern shaft to sink by six men, at 12¢ per fathom; we have also proposed to stop the stone pillars under the old adit tinstuff for ventilation, consequently the value of the lode may be taken as last reported, if no accident occurs to take down north of shaft, on the north lode, by two men, for 3'; here we have found the lode to change its underline, and a branch having gone down perpendicular we purpose proving the same. The addit to clear towards Wheel Cook by four men, and 30 men on tribute, at tributes varying from 10s. to 16s. in 17. The mine, on the whole, continues to open out satisfactorily, and our returns of tin will be quite equal to our last.

WHEEL COCK.—U.S.—T. Trahair, July 3: Hitchin's engine-shaft is forked 2 fms. 4 ft. under the adit level. The men in the Beacon adit have cleared 5 fms. this week. The adit end, driving east from Collier's shaft on the Elisha lode, is opening tributary ground. I have assayed the tributaries' tinstuff; the men will average 3½ 15s. per man. There is no change to notice in the tribute pitches this week. The carpenters have finished erecting shaft-tackle and pulleys on the engine-shaft.

WHEAL COATES.—W.H. Martin, July 2: The ground in the engine-shaft is very much easier, and the men are sinking with good speed; from present appearance we can see near the bottom of the water about 10 to 12 ft. more tinstuff for the stamps. The branch in the rise in the back of the 10 continues to give little work for tin. The ladder-road winze sinking below the 10 is improving for tin; worth 12½ per fathom. There is no change to notice in the value of the lode in the stopes in the bottom of the 10; we have fixed the 5-in. lift, and the men are making better progress. Now we have fixed a new lift in the engine-shaft, winze, and bottom, where it is a good position for developing the property. So far as we have opened on the course of the lode the yield of tin is very good.

WHEAL GRENBY.—J.M. Bennett & Co., June 29: In the 130, east of Cock's shaft, the men are taking down the lode which is 17 tons, composed of cross-cut, waste mudic, and copper ore, producing of the latter 13 tons of concentrate. A slight falling off has taken place in the nature of the lode; but, judging from its appearance, it will again become of its former value. In the 108 east the lode is disordered, being in three parts, which is precisely the same as it was in the 120 before the ore came in. In the trial rise in the back the lode is from 2¼ to 3 ft. wide, producing from ¾ ton of copper ore, with a kindly appearance. In the 96 fm. level, east of the south-eastern boundary, the men are working well, and looking promisingly with mudnic and copper ore. In the 72 east the draining of the side of the lode. The work is letting out water freely. We shall in the course of a few days blast into the lode to prove it. In the 48 east the lode has spliced out, but judging from the upper part, the lode will soon open again. In the rise in back of the 48, on the 38 fm. level, the slope west of the rise will produce 3 tons of good quality copper ore per fathom. We are stopping down a piece of the bottom, and shall then cover it over, so that the men shall have a safe place to go into when blasted, and they will be able to sample on Monday copper ore.

WHEAL FRIENDSHIP.—June 30: Bennett's Lode, West of Withburn's Crosscut: At the 150 driving east the lode is 2 ft. wide, yielding 1¼ ton of copper ore per fathom. In the back where we are stopeing the lode is ¾ ft. wide, yielding 1½ ton of copper ore per fathom. The water being in fork at the 170 we have commenced tramming this morning the mudnic stuff which has been so long under water, but the engines are still working very slowly for want of surface water.

WHEAL GREENEY.—C.W. King, W. Bennetts, June 28: The shaftmen are engaged in bringing the skip-rod to the top. The 160 fm. level continued by Saturday next. The lode in the 140 fm. level, east of cross-out, is worth 40¢ per fathom. The lode in the 120 fm. level, east of new shaft, is worth 6¢ per fathom. The lode in the 120 fm. level, west of north shaft, is 2 ft. wide, and worth 6¢ per fathom. The lode in the 120 fm. level, east of north shaft, is 2 ft. wide, and worth 10¢ per fathom. The lode in the 110 east is 18 in. wide, and worth 10¢ per fathom. The slope below the 110 east is worth 20¢ per fathom. The stope above the 110 east are each worth 10¢ per fathom. The lode in the 100 east is 18 in. wide, and worth 10¢ per fathom. The lode in the 90 east is 18 in. wide, and producing a fine tin. The slope below the 90 east is worth 15½ per fathom. The lode in the 80 east is 18 in. wide, and worth 7½ per fathom. The lode in the 66 fm. level east is 2 ft. wide, and worth 7½ per fathom.

WHEAL KITTY (St. Agnes).—S.Davey, J. Williams, June 28: New Shaft, Pryor's Lode: In this shaft, sinking below the 130 fm. level, the men are still desuing the lode. In the 130, driving east of shaft, the lode is 2 ft. wide, worth for tin 14¢ per fathom. In the 130, driving west of shaft, the lode is worth for tin 14¢ per fathom. The lode in the 120, driving east of shaft, is worth for tin 8¢ per fathom. We have communicated the winze sinking below the 120 east of shaft, which has given good ventilation to both levels. In the 118, driving west of shaft, the men have not taken up the lode, but hope to do so in the course of another week, when we will give you its size and value. The lode in the winze sinking below the 118, east of shaft, is worth for tin 12½ per fathom. In the 106, driving west of shaft, the lode is 2½ ft. wide, and worth for tin 13½ per fathom. The lode in the 20, driving east of shaft, is worth for tin 10¢ per fathom. In the 90, driving east of shaft, the lode is scarce, owing to the pumping and as it means the point of the horse; worth for tin 9¢ per fathom. We have nothing new to report in the north adit level, driving west of the eastern boundary.

WHEAL LUCY.—W. Harris, July 2: We have not intersected the Carbons lode in the 20 yet, but the water is gushing out pretty freely from the end, and I calculate we have from 4 to 6 ft. further to drive. The men are making fair progress in driving towards Hitchen's lode, in the 20. We have also a good deal of water flowing from this end.

WHEAL THOS. PARKIN, July 3: We are still engaged in sinking on the Great North lode for the purpose of ventilating the level or tramway below, their being so bad in this tramway level that we can make but slow progress. We have cut through two lodges in this level; the last one I thought was the Great North lode when we first cut into it, but the lode being only 3 ft. wide, I then tried the main lode, &c., with the dial, and find we have 9 ft. more to drive to intersect the main lode. These that we have cut through are side lodges to the Great lode, and the quantity of tin is just the same as in the North lode, and is just the same in quality. We completed and drove down the level in the engine-shaft yesterday; the shaft-hole is also the place. We have now laid down the pump, and intend to send shaft to the engine, and we are only now waiting for the foundry people to send the small shaft and pumping crank, which is promised this week. We shall only require four days to fix shaft cranks, &c., and connect rods from the engine to the engine-shaft, when we shall be in full operation. All the surface work is in a forward state. I have no alteration to report in any other part of the mine.

WHEAL MARY ANN.—Joseph Harris, James Stevens, James Skeat, July 2: The lode in the 260, north of Clymo's shaft, is at present small and poor. In the 250 level, the lode is 2 ft. wide, and looks favourable for development, promising for an improvement. In the 240 north the lode is 2½ ft. wide, worth 8¢ per fathom. In the 200, south of Trelawney shaft, the ground being very hard for progress, we have thought it best to put the men who have been engaged in driving this level to stoep the bottom of the 170 shaft. In the 190, north of Smith's shaft, the lode is 1½ ft. wide, yielding saving work. We sampled on June 26 our two parcels of lead ore: No. 1 computed 40 tons, and No. 2 computed 44 tons.

WHEAL ROBERTS.—John Goldsworthy, June 28: The lode in the trial shaft, north of Wilson's shaft, is 2 ft. wide, and looks favourable for development, and producing some tin. However, I am more convinced than ever that the lode was such, even a few fathoms below its present depth would realise. The erection of an engine-will be required before Wilson's shaft can be deepened.

WHEAL RUBY.—J.L. Richards, July 2: The ground in the adit level driving west is a little harder at present, and very changeable and somewhat disordered, on account, I presume, of its near approach to the cross lode, which I hope to intersect in the course of a few days. We are now engaged in fixing the air-pipes for the better ventilation of this level, the air being very little at this point the last few days.

WHEAL TRIGGESS.—Thos. Parkyn, July 3: The lode in the 120 east of shaft, in the rise in the back of the 40 is worth 10¢ per fathom. The lode in the rise in the back of the 40 is worth 10¢ per fathom, and is likely to improve. No alteration in the tribute pitches.

WHEAL TREGOSS.—Thos. Parkyn, July 3: I am very pleased to be able to report to you the good progress made in sinking the engine-shaft under the 22. We are down already 6 fms. below the 22, and I hope in two months from this time we shall be down to the 32. I shall push on the sinking with all possible dispatch.—South Cross-Cut: The men are making fair progress in driving the cross-cut—to the south tin, and the lode is 2 ft. wide, and produces tin. It is the lowest cutting level in South-Cross Cut of the setts. We have stamped 10 tons of the north lode, and have cleared up the tin, which yielded 3 cwt.s. farther work for tin than one would think in looking at the stone at the surface or the lode underground. Your prospects here, I am pleased to say, are very good.

WHEAL UNY.—Wm. Rich, M. Rogers, S. Coade, jun., July 1: Hind's engine-shaft is in full course of sinking, by nine men, and is now made good 10 fms. below the 80 fm. level. We are urging on the cross-stout cut, at the 130, with the view to get under Hind's lode, meet the cross-cut against the same, and prevent the loss of the lode, which makes the progress slow. We are keeping the engine easily with one engine, working about half-speed. The lode in the 150, east of engine shaft, is worth 8¢ per fathom. The back of 140, west of sump, is worth 12½ per fathom. The 140, east of Goodinge's, is worth 12½ per fathom. A stoep in the back of this level is worth 15¢ per fathom. The 130 end, east of King's shaft, is worth 12½ per fathom. We shall shortly resume driving this end. The men are at present cutting trip-plats east and west of King's new ship shaft, at the 120. Two stopes in the back of the 130, east and west of Goodinge's shaft, are worth 10¢ and 10½ per fathom respectively. The 120 end, east of King's shaft, is worth 10½ per fathom. We have a good piece of tin ground standing in the back of this level, which can be set to stoep as soon as the trip plats at King's referred to are made complete. The 110 end east is worth 5¢ per fathom. Two stopes in the back of this level are worth 20¢ and 25¢ per fathom respectively. The 100 end, east of King's is worth 8¢ per fathom, and ground easy for driving. A stoep in the back of this level is worth 12½ per fathom. The 90, east of King's, is worth 10¢ per fathom. A stoep in the back of this level is worth 18¢ per fathom. The 80 east yields good stones of tin, and rocks are promising to improve. As regards the cross-cut, the lode in the 80 end, east is worth 10¢ per fathom. Two stopes in this level are worth 25¢ per fathom. The 50 end, east of King's, is worth 25¢ per fathom, and ground easy for driving. This end is advanced the farthest east in the mine, and looks as if it is entering a new and good run of tin ground. Two stopes in the back of this level are worth 12½ and 18½ per fathom respectively. The 30 east yields stones of tin. We should have sold more tin this quarter, and paid expenses, had it not been for an unfortunate accident to the stamping machinery, whereby the stamps were idle nearly a fortnight. We have, however, had new castings, and running gear, and repaired them securely, and wish, we need not say, to avoid recurrence of these accidents. The stamps are very old and rickety, but we are remodelling them, with a view to get better duty done. The underground prospects are good. We have abundance of tinstone, both underground and at surface, of rather better quality than usual, although harder, and not so easily stamped. We are pushing on the improvements at surface, and hope shortly to be able to stamp more tin in less time, when we shall again give profits.

WILLOUGHBY.—H. Nottingham, July 1: We are making fair progress in driving out east from the bottom of Frye's shaft, considering the hardness and wetness of the rock. There is a very strong feed of water coming out of the east cross-cutting, which makes me think we are not far from Goddard's lode. We have commenced dividing the shaft, putting in ladderways, &c., from the 13 downwards, which I expect will

M R. R. PERCY ROBERTS
FINANCIAL AGENT,
60, ENGLISH STREET, CARLISLE

QUICKSILVER.—Sellers are very firm, and nothing can be brought under 144. 10s. The imports for this year amount to 1,866,271 lbs., against 1,670,857 lbs. in 1872 and 2,167,490 lbs. in 1871, while the

Van. 38 to 40; the sale of lead ore for the month—560 tons—total amount \$4,945. 09d. per ton; blends, 150 tons, 12. 17¢ per ton—total amount of sale, \$620W. 2s. South Roman Gravels, 12 to 13; Cornucopia, 14s. to 16s.; Tankerville, 11½ to 11¾; Trumpet Comb, 10 to 11; West Pant-v-Go, 1½ to 2; West Seton, 55 to 60; West Tankerville, 24 to 24½; Wheel Greenville, 44 to 44½; Wheel Jane, 3½ to 4½; Wheel Kippis, 24½; Wheel U.A., 14½; Wheel Mercant, 44 to 44½.

1873.
488 lbs.
quotation
her metal
Depress
which de
ticate the
were
Hotel 81
Australia
and the
conductor
some pro
races, with
indicating
every lit
in Wedne
s, 125.
this week
are moun
ten, a few
it, showin
n the year
stocks are
during the
tons; Jan
the prospe
a time be
the, the qu
657, to 9
the smel
the pros
It is qu
not by an
all, and
to be m
can we

At the meeting it was decided to issue 2000 shares at 5s. 6d. at the rate of one share for every nine now held.

The Market for Mine Shares on the Stock Exchange during the week has remained without much variation, but a considerable amount of business has been recorded in the better class of mines, both home and foreign.

The Metal Market remains inactive, buyers purchasing only for immediate wants. Copper shows no improvement in price, although the statistics for the last six months would seem to show a smaller stock in hands of dealers. Tin is steady, at late quotations. Lead is quiet, and purchases can be made at lower rates. Spelter dull; stocks on hand show a slight decrease.

Fluorapatite, 12 1/2 to 12 3/4, ex div.; the product during the last four months has amounted to 20,750L, a larger yield than ever before obtained in a similar period. The latest advices are to the effect that the mine at all the extreme points looks better than ever. The ore is in good order, and 100 tons of ore are being hauled daily from the mine to the smelting-works. The developments continue to fully maintain their value, and it is expected the output will shortly be increased to 60 tons daily. Teconia, 10 to 11; the developments continue to improve as the "bonanza" is opened up, and also in depth. The ore continues rich. The first result from the smelting-works is daily looked for. At Camp Floyd the result of the late run at the mill has been satisfactory. The agent is now arranging for a further supply of ore, as there is water abundance.

Richmond Consolidated shares continue in demand at 6 1/2 to 6 3/4; the cablegram received from the mine on Wednesday announces the week's returns at \$47,000, the largest return made by the company, in fact, the largest ever made by any mine on the Pacific Coast. May last the weekly returns have gradually increased, showing the high grade of the ore, of which so much is lying on the dumps ready to hand for smelting, and which was recently under the hammer. Negotiations are being made for the hire of other engines until the company can complete their new additional ones. The Lisette tunnel, by late advices, will be about completed, when considerable saving in the expenditure of hoisting will be saved. The gradual increase of the weekly return warrants an early and satisfactory dividend, and from the future prospects of the mine the shareholders may be congratulated upon possessing so valuable a property now all disputes are forever dissipated. Eberhardt and his shares have been firm, and close 6 to 6 1/4; the directors have this week received the following telegram from their manager, Capt. Frank Drake: "Number of tons crushed for the month of June, 1873, average assay, \$70; producing, 12,472L; expenses, 7000L; net profit, 5472L. Mine looking well." Pacific, 3 to 3 1/2; Mr. Pringle's shares this week mentions very little alteration, except that the late discovery has not, up to the present, led into a large body of ore.

The shares in the various Hydraulic Companies have again been in fair demand during the week, and prices, on the whole, remain about the same. We apprehend that the water season is now drawing to a close; but the prospects for the coming year are better, we think, in the case of every company represented on this market, and especially so in the Californian properties. Malpas, 1 to 1 1/4; the shares received by the last West India mail appear in another column, and are considered highly satisfactory. Rica, 3 to 3 1/2; washing was commenced on April 28, and the superintendent expects to reach the main bank by July 1. Malabar, par to 1/2 prem.; detailed report on this property is expected by next mail. Sweetwater Creek, 4 1/2 to 4 3/4; washing has been commenced through the new tunnel, and expect particulars of the clean-up towards the latter part of the current month. Shares are in request, and close firm quotations. Birdseye Creek, 1 1/2 to 2; in another column is published a synopsis of the directors' report and balance-sheet, issued in anticipation of the forthcoming meeting. The accounts show that during the year a profit of 4945L 4s. 2d. has been realised at the mines; 3000L has been divided amongst the shareholders. This is after paying 3404L 19s. 7d. for running the new tunnel. As this tunnel will be finished by September, the expenditure on this head will cease, while the profits will be augmented in more than a corresponding ratio, as washing can be commenced through this tunnel to the rich blue lead. The board has declared another dividend of 2s. per share, payable on and after the 15th inst. Cedar Creek, 2 to 2 1/2; the accounts from the mines continue satisfactory, as will be seen from the usual report in another column. The warrants for the dividend of 2s. 6d. per share were sent out yesterday.

Holcombe Valley, par to 1/2 prem.; the agent reports that having reached water level the value of the Mammoth lode has declined. This, however, is no more than was to be expected, as upon enquiry we find that the richest quartz mines in California have all exhibited similar appearances at water level; the Eureka and Idaho for example. Mr. Haley appears to have acted very judiciously in suspending operations at the mill until the inclines were sunk to a greater depth. We shall publish next week the original report of Mr. G. D. McLean on the company's property. It will be seen from the fact that the Olio lode has been developed below the water line, and has increased in size and richness. No doubt this will be the case when greater depth is attained in the Mammoth lode. Sierra Buttes, 3 1/2 to 3 3/4; an interim dividend of 2s. per share (free of income tax) has been declared. Frontino and Bolivia, 4 to 4 1/2; the continuance of gold by last mail amounted in value to 8100L, the produce for April; the costs amounted to 1071L. At Almada and Trito the profit for May, after deducting all expenses, amounts to 1577L, against 1293L for April.

St. John del Rey Stock has advanced to 170 upon the satisfactory character of the meeting, the details of which appear in another column. San Pedro shares have been in demand, and close at 3 1/2 to 3 3/4. News has been received of the arrival of the vessel with the machinery at Valparaiso a month earlier than was expected. Cape Copper, 24 to 25; 550 tons of ore and 77 tons of regulus have been sent forward for sale by public ticketing on July 8. Van, 38 to 40; the monthly report appears in another column. The engine shaft is down 8 1/2 fms. below the 60. The various ends remain about the same value as previously reported. On Thursday the usual week-weekly sale took place; 500 tons lead and 150 tons blende, producing 8629L 2s. East Van, 4 1/2 to 4 3/4; Van Consols, 5 1/2 to 5 3/4. At Van Hill Mine some good stones of lead have been cut. Tankerville, 11 1/2 to 11 3/4; the bottom levels are opening up very satisfactorily, with every sign of improving in depth. The new permanent shaft from surface to the 140 will be completed by end of this month. Captain Waters remarks: "The next three weeks will, we think, show that Tankerville is only yet in its infancy." Roman Gravel, 20 to 21; the accounts for the quarter ending June showed the available balance 6980L; dividend (5100L) 8s. 6d. per share; carried to reserve account, 1000L; carrying to next account, 880L.

Ladywell, 2 1/2 to 3 1/2; operations are progressing satisfactorily, and the mine has further improved. Bog, 1 1/2 to 2; the new pitwork being on the mine the forking of the water below the 148 will be presumed directly the plunger can be fixed. The lower levels are showing fair quantities of ore as the clearing is proceeded with. Pennerley, 2 1/2 to 2 3/4; the lode in the 130 east still maintains its value—3 tons per fathom. The 120 east is coming up under the same run of ore ground, and is now worth 2 1/2 tons per fathom. The Potter's Pit portion of the sett is opening out very well, and the prospects for further improvement are encouraging. Other portions of the mine much about the same. Perkins Beach, 4 to 4 1/2; the agent has met with an improvement in Chimney Pipe rise, and is looking forward to a discovery there before long. West Esquair, 3 to 3 1/2; the work at the 22, at Hamilton's engine-shaft, is impeded by the flow of water from the lode, which has just been cut out, and shows exceedingly well. At the western mine the operations are in full work, the new water-wheel working capably, and the erection of the dressing machinery proceeding with all speed. The celebrated Dylife Mines, late the property of Messrs. Cobden, Bright, and others, has just been incorporated with a capital of 100,000L, in 15,000 shares of 6L each, fully paid and limited. The capital thereby obtained will more efficiently work these mines, which have

obtained world-wide notoriety. There are several lodes traversing the property, and during the negotiations for the purchase one of them improved, and is now worth about 70L per fm., while within the last few days another of the lodes has come in worth 60L per fm. The whole of the capital has been privately subscribed, and the shares are quoted at 1 to 1 1/4 prem. The company can commence by making regular monthly sales of ore.

East Lovell shares continue in demand, and close 18 to 18 1/2; the mine has further improved.

Subjoined are the closing quotations:—
Bog, 2 1/2 to 2 3/4; Carn Brea, 1 1/2 to 1 3/4; Devon Great Consols, 2 to 2 1/4; Dolcoath, 58 to 59; East Lovell, 17 1/2 to 18 1/2; East Van, 4 1/2 to 4 3/4; East Caradon, 1 1/2 to 2; Great Laxey, 16 to 17; Great Wheel Vor, 5 1/2 to 5 3/4; Hingston Down, 5 to 5 1/2; Marke Valley, 1 1/2 to 1 3/4; North Koscok, 7 to 9; North Treleigh Wood, 1 1/2 to 1 3/4; Parry Mountain, 8s. 9d. to 11s. 3d.; Pennerley, 2 1/2 to 2 3/4; Penstruthal, 1 to 1 1/4; Roman Gravel, 20 1/2 to 21; South Carn Brea, 3 1/2 to 4; South Condurrow, 6 to 6 1/2; Tankerville, 11 1/2 to 11 3/4; Tincroft, 32 1/2 to 35; Van, 37 1/2 to 40; Van Consols, 5 1/2 to 5 3/4; West Chiverton, 9 to 10; West Tankerville, 3 to 3 1/4; West Caradon, 3s. to 5s.; West Esquair, 3 to 3 1/4; Wheel Crebhor, 4 1/2 to 5 1/4; Wheel Grenville, 4 to 4 1/2; Almada and Trito, 4 to 5; Birdseye Creek, 1 1/2 to 2; Cedar Creek, 2 to 2 1/2; Chant des, 3 1/2 to 4; Colorado Terrille, 2 1/2 to 3; Cape Copper, 24 to 25; Don Pedro, 12 1/2 to 13 1/2 prem.; Enme, 2 1/2 to 3; Eberhardt and Aurora, 4 to 6 1/2; Flagstaff, 12 1/2 to 12 3/4 ex div.; Frontino and Bolivia, 4 to 4 1/2; Fortuna, 6 to 6 1/2; Holcombe Valley, 20s. to 22s. 6d.; Last Chance, 7 1/2 to 7 3/4 ex div.; Malpas, par to 1/2 prem.; New Quebrada, 3 1/2 to 4; Pacific, 3 to 3 1/2; Port Phillip, 15-16ths to 1 1/2-1 1/4; Rica, 3 1/2 to 3 3/4; Richmond, 6 1/2 to 6 3/4; St. John del Rey, 170 to 180; Sweetland Creek, 4 1/2 to 4 3/4; Sierra Buttes, 3 1/2 to 3 3/4; San Pedro, 3 to 3 1/2; United Mexican, 2 1/2 to 2 3/4; Utah, 1 1/2 to 1 3/4.

Messrs. Bischoffsheim and Goldschmidt announce that a dividend of 24s. per share (being at the rate of 12 per cent. per annum for the six months ending June 30) will be payable on the first issue of share capital of the United States Rolling Stock Company on and after July 15 at their counting-house; also that a dividend at the rate of 12 per cent. per annum for the six months ending June 30 will be payable on the second issue as follows:—On Scrip Certificates fully-paid previous to Dec. 31 last a dividend of 21s. per share; on Scrip Certificates not fully paid on Dec. 31 last the dividend will be calculated on the amount of the instalments from the respective dates on which they were paid. The New Quebec 8 1/2 per Cent. Sterling Consolidated Fund Loan is 2 1/2 to 3 prem. The City of Ottawa Six per Cent. Sterling Loan is 2 1/2 to 3 prem. The First Mortgage Bonds of the New York, Boston, and Montreal Railway Company are 1/2 dis. to 1/2 prem. Atlantic and Great Western Railroad Leased Lines Rent Trust Bonds are 90 1/2 to 91 1/2 ex coupon, and the new issue 85 1/2 to 85 ex coupon. Atlantic and Great Western Third Mortgage, 3 1/2 to 3 3/4; Preference Stock, 1 1/2 to 1 3/4; and the Common Stock, 1 1/2 to 1 3/4. United States Rolling Stock is 2 1/4 to 2 3/4; and the New 2 1/2 to 2 3/4.

The following dividends were declared during the month of June:—

Mine.	Per share.	Amount.
Van	£0 15 0	£12,000 0 0
Great Laxey	0 10 0	7,500 0 0
Bampfylde	0 2 0	3,000 0 0
Catherine and Jane	0 7 6	2,250 0 0
Prince Patrick	0 2 0	1,800 0 0
Wheat Seton	1 0 0	1,350 0 0
West Chiverton	0 5 0	750 0 0
Wheat Mary Ann	0 2 6	128 0 0
Cape Copper	1 0 0	20,000 0 0
Cedar Creek	0 2 6	17,500 0 0
Sierra Buttes	0 2 0	11,250 0 0
Pontgibaud	0 19 6	9,750 0 0
Flagstaff	0 5 0	7,500 0 0
Chicago	0 4 0	3,000 0 0
Sweetland Creek	0 4 0	3,000 0 0
Last Chance	0 2 0	2,000 0 0
Eldorado	0 1 6	1,764 0 0
Katpanda	0 0 6	1,700 0 0
Total		£105,248 0 0

At Redruth Ticketing, on Thursday, 1216 tons of copper ore were sold, realising 4097L 6s. The particulars of the sale were—Average standard, 94L 12s.; average produce, 63L; average price per ton, 34L 7s. 6d.; quantity of fine copper, 78 tons 13 cwt. The following are the particulars of the sales:—
Date. Tons. Standard. Produce. Per ton. Per unit. Ore copper.
June 5, 2084 £ 90 12 0 7 1/2 £4 8 11 12s. 0d. £80 0 0
19, 1010 91 7 0 8 1/2 4 19 6 11 9 58 16 6
July 3, 1216 94 12 0 6 1/2 3 7 6 10 5 52 2 0
Compared with the last sale, the decline has been in the standard 3L 5s., and in the price per ton of ore about 4s. 3d.

The directors of the SOMERSET and DORSET RAILWAY COMPANY are inviting subscriptions for 50,000L, being the unplaced balance of the 120,000L PERPETUAL FIVE PER CENT. DEBENTURE STOCK of the Extension to the Midland Railway of the Somerset and Dorset Railway Company. The whole of the share capital, 390,000L (not entitled to dividend until the interest on the present debenture stock is fully paid), is subscribed, and upwards of 300,000L paid up. The line is in a very forward state, and will be opened for public traffic at the end of the year. Mr. F. G. Slessor, the resident engineer, reports that of the tunnelling—about 1 1/2 mile in all—three-fourths are completed, and the remainder is being pushed forward day and night. Of the necessary bridges and viaducts, and of the earthworks, upwards of one-half is completed and the remainder is in rapid progress. The whole of the materials for the permanent way are purchased and in course of delivery, and one fourth already laid. The contractors have a staff of 2000 men, 5 locomotives, 70 horses, with other appliances employed on the work. Special advantages are secured to the extension capital by the terms of the Act of Parliament under which the existing line is charged, not only with the payment of its own working expenses but also with the working expenses of the extension line, with an annual charge of 17,000L. The gross receipts of the extension line are thus available almost exclusively for the payment of interest on this debenture stock, which amounts to 6000L per annum only, or less than 5L per mile per week, while the estimated traffic amounts to 38L per mile per week. The prospectus will be found in another column.

The NORTH HUSTLER'S COMET GOLD MINING COMPANY, with a capital of 24,000L, in shares of 1L each fully paid, has been incorporated as a "no liability" company, under the colonial "Mining Companies Act, 1871," to purchase from the original lessee for 9000L, and work a lease from the Crown, situate on the celebrated Hustler's line of quartz reefs, Santhurst (Old Bendigo), Victoria, Australia. The Great Extended Hustler's Company and the Tribute Company on the same claim are stated to have paid over 400,000L in dividends during 1871 and 1872, being the rate of 40L per cent. per annum on the total capital of both companies, and the company could now produce 5000 or 6000 ozs. of gold per fortnight if they took only the richest stone to the mill. The whole of the North Hustler's Comet Company's capital, less 500L for expenses, will be appropriated for purchasing, opening out, and developing the mine. Mr. G. Thureau, mining engineer and surveyor, reports that the ground is well situated for drainage, close to well-made roads, and permits, therefore, the carrying out of mining operations without hindrance of any kind. He would suggest that a shaft be sunk on the course of and with the "lava," and to follow the same downwards as far as practicable, in order to reach at a cheap rate these formations or "makes" of stone at a deeper level. Mr. Nicholas, mining engineer, writes that the shaft suggested by Mr. Thureau is now being sunk, and judging from the unmistakable indications he has no doubt that the expenditure of (say) 1000L will, with good management, put the company in a position to pay dividends. No costly machinery is likely to be required for some years, when it will be a fair charge on the yield of gold. The "saddles" referred to are makes of auriferous stone one under the other, and connecting what are known to miners as the eastern and western legs of the reefs, which below the saddles become separate and distinct lodes, one set underlying to the east and the other to the west. Each leg or reef has its distinctive character, both as to the quantity of stone and the yield of gold. Mr. Edwin Bennett (March 1) writes:—"Sandhurst is about the only place now occupying the attention of mining men. The mines there continue to make magnificent returns. Hustler's mine continues first class. Sandhurst stocks continue to absorb all attention. It appears that gold exists everywhere in Bendigo (Sandhurst). It makes little difference where you sink as long as you give it a fair trial. The prospectus will be found in another column.

JAMES BRECHLEY SHAREDEALER, 32, NICHOLAS LANE, LOMBARD STREET, LONDON, E.C.

SOLICITS THE ATTENTION OF THOSE DESIROUS OF PURCHASING or WISHING to effect SALES in every description of Foreign and British Mining. Miscellaneous Shares, &c. Personal communication is desirable, but all communications will meet with prompt attention, and information furnished. This is most desirable to be obtained before following advice conveyed in private circulars, in many of which Mr. B. unhesitatingly states no reliance, whether of prices or otherwise, can or should be placed.

TO INVESTORS.

MR. WM. TANNER, THE FIRM, LOWER SYDENHAM, having PURCHASED A NUMBER OF SHARES IN THE WHEAL MARY and ST. DENNIS CONSOLS MINES before the late rise, is DISPOSED to REALISE A PORTION. Present prices, 25 and 22 respectively. Mr. TANNER is a BUYER OF CASTLE AN DINAS SHARES.

TO PROMOTERS OF PUBLIC COMPANIES, &c.
THE ADVERTISER has a LARGE NUMBER OF ADDRESSED WRAPPERS FOR SALE, copied from Lists of Shareholders in Railways, Mines, &c., &c., and have all been checked, so that there is no possibility of two or more going to the same address.
Apply to "J. H.," 10, Boundary road, Camberwell gate, S.E.

SILVER-LEAD MINE.

THE ADVERTISER wishes the CO-OPERATION of a Gentleman of influence to FORM A COMPANY TO WORK A VALUABLE MINE IN YORKSHIRE.
Address, "M. M. A.," MINING JOURNAL Office, 36, Fleet-street, London.

ZINC AND LEAD ORES.

I BUY at the HIGHEST PRICES:—
LEAD ORES.—LEAD-SILVER ORES.—SILVER-LEAD ORES.
ZINC AND LEAD ORES MIXED TOGETHER.
SILVER-LEAD, BULLION, HARD LEAD, &c.
SULPHATE OF LEAD, ASHES, SLAGS, &c.
Particulars by letter.

ARMAND FALLIZE, Ingénieur, à Liège (Belgique)

Mr. JOHN HENRY POOLE,
MINERAL AGENT,
BILBAO (SPAIN).

CAPPER PASS AND SON, BRISTOL,

ARE PURCHASERS OF
ANTIMONIAL LEAD, HARD LEAD, LEAD MATTE, LEAD SLAGS,
SULPHATE OF LEAD, LEAD ASHES, COPPER SLAGS, COPPER REG-
GULUS, TIN ASHES, ZINC ASHES, SPELTER DROSS, HARD SPELTER
AND MIXED METALS, DROSS or REFUSE containing COPPER, LEAD,
TIN, or ANTIMONY.

COAL-CUTTING MACHINERY.

W. AND S. FIRTH undertake to Cut, economically, the hardest
CANNELED, ANTHRACITE, SHALE, OR ORDINARY COAL, ANY
DEPTH, UP TO FIVE FEET.

Apply—
16, YORK PLACE, LEEDS.

ESTABLISHED 1852.

GOULD SHARP AND CO., STOCK AND SHARE DEALERS,
33, POULTRY, LONDON, E.C.
Bankers: London and Westminster, Lothbury, London, E.C.

SAFE INVESTMENTS FOR CAPITAL.

Shares in the following "Three" Mines should be bought immediately. No further liability. Shares all fully paid up. Most important improvements have to come off, and a rise of 200 to 500 per cent. upon present prices "is certain" to take place.
All three mines will enter the Dividend List. We strongly recommend investors to but without delay at the present market prices.

EAST VAN (LEAD) MINE (LIMITED).

In 15,000 Shares. £5 each. Present selling price, 44 10s. per share.
No further call or liability.
£8000 cash in hand, more than sufficient to bring the mine into a dividend state. Capitalists and investors "cannot" go wrong in buying East Van shares. The mine adjoins the celebrated Van, and embraces the same lodes, and must prove a rich dividend property. Shares "will" see £8 to £10 or £12 within a year, and likely to rise to £15 or £20 within two years. It cannot fail to prove a lasting dividend-paying mine. We strongly advise the immediate purchase.
Van shares are £40 each, and paying £3 4s. per share yearly in dividends. East Van shares are bound to rise in price; same direction and manager as the Van.

LADYWELL (LEAD) MINE (LIMITED).

In 12,000 Shares. £2 10s. each. Present selling price, 43 per share.
£12,000 cash in hand, more than sufficient to bring the mine into a dividend state. No further call or liability.
This mine adjoins Roman Gravel, is under the same direction and management, and there is every prospect of its becoming as rich a mine. Roman Gravel was started in 1870; shares, which came out at 47 10s. each, are now £21, the dividends have increased from 5s. to 10s. per share quarterly. Roman Gravel was £9 per share in February, 1871, and £10 in May the same year. Ladywell is one of the greatest certainties of the day, and shares which can now be bought at 43 are likely to be 43 next year, and eventually much higher.

PENNERLEY (LEAD) MINE (LIMITED).

In 12,000 Shares. £2 each. Present selling price, 42 10s. per share.
No further call or liability.
The mine is now making monthly profits, and will soon commence dividends. This mine is in the Roman Gravel district, and opening up rich for lead, and will in a short time enter the Dividend List. They are now selling 75 tons of lead monthly, which leaves a profit. These sales will shortly increase to 100 tons. It is a first-class property, and will pay well. The machinery erected is perfect, and ample for every requirement. Shares will advance very considerably in price during the next six months, and should be bought.

A SAFE INVESTMENT FOR £5000.

	Per share.	Outlay.
500 East Van Shares, at £44 10 0	£44 10 0	£22500
500 Ladywell " " 43 0 0	43 0 0	15000
500 Pennerley " " 2 10 0	2 10 0	12500
Total outlay		£50000

N.B.—We have no hesitation in saying this outlay of £5000 would realise £9000 to £12,000 within a year. All these mines will be brought into a dividend state, and, at the present prices, investors cannot do wrong in buying. Any less number of shares can be bought.

LADYWELL MINE.—A box of splendid rich ore, just up from the lode, can be seen at our offices.

MINING AND COLLIERY PLANT.

MESSRS. MASON, SONS, AND KNIGHT, 18, NEW BRIDGE STREET, BLACKFRIARS, E.C., have FOR SALE LOCOMOTIVES, WAGONS, RAILS, and every description of COLLIERY and MINING MACHINERY.—Information at their offices as above.

WANTED, A GOOD SECONDHAND SMALL STEAM ENGINE, with BOILER and CRANE, for wharf purposes, to lift about 30 cwt. State price and particulars.
Apply to BREWER'S Wharf, 310, High-street, Wapping.

ZINC MINES.

WANTED, A PARTNER, or otherwise, with £1000 capital, to WORK A ZINC MINE in the NORTH of SPAIN. Its produce sold for next three years at good prices. The Mine is in good working order, and is in a district free from political disturbances.
For further particulars, address "X. Y.," care of Thomas Hayes, Esq., 12, Moorgate-street, E.C.

WANTED, A COLLIERY MANAGER in STAFFORDSHIRE (mines not fiery).
Address, "O. M.," care of Davies and Co., Advertising Agents, Finch Lane, Cornhill, stating salary required and giving references.
None need apply who are not thoroughly efficient.

ENGINEER.

WANTED, RESIDENT MANAGER of LARGE IRON ORE MINE in PORTUGAL, to go out middle of July. One experienced in face quarrying and moving quantities of ore preferred.
Apply, stating qualifications, &c., by letter, to W. GRAHAM, C.A., 71, West Nile-street, Glasgow.

LARGE HEMATITE IRON ORE ROYALTY IN THE FURNACE DISTRICT.

WANTED, THREE GENTLEMEN, WITH CAPITAL, as ADVENTURERS, to JOIN OWNER in DEVELOPING.
Address, "S. J.," Post Office, Ulverston.

WANTED, an ASSISTANT MINING AGENT to go to NORTH WALES.
Address, with references and salary expected, "L. W. X.," Post Office, Swansea.

WANTED, FIVE HUNDRED CASTLE AN DINAS SHARES.—
Address, stating lowest price and time for acceptance, to Messrs. MASON, SONS, AND KNIGHT, 18, New Bridge street, London, E.C.

WANTED, A GOOD SECONDHAND ENGINE, from 10 to 16-horse power, suitable for winding and pumping, at a small colliery. If with link motion, winding apparatus, and pumping tackle, all the better.
Address, Mr. WATSON, 15, Fenwick-street, Liverpool; or Mr. HENRY HULL, Mining Engineer, Mold, N.W.

WANTED, by a SLATE QUARRY PROPRIETOR, a PARTNER (with capital), to EXTEND the WORKS of his QUARRIES.
For particulars, and samples of materials, apply to "Didimas," Box A, Post Office, Cardigan.

WANTED IMMEDIATELY, near FALKIRK, A PUMPING ENGINE, 40 to 50 inch condensing.
Apply, "P. E.," MINING JOURNAL Office, 26, Fleet-street, London.

FOR SALE, A GOOD SECONDHAND 60 in. cylinder PUMPING ENGINE, in good condition, 10 ft. stroke in cylinder and 8 ft. in shaft. Price, &c., on application to FRANCIS DINGEY, Truro Foundry, Truro, Cornwall.

MINING ENGINEERING PUPIL.—The Advertiser will have a VACANCY, in September next, for a WELL-EDUCATED YOUNG GENTLEMAN.
Address, "Fellow of the Geological Society," MINING JOURNAL Office, 26, Fleet-street, London.

A WIRE OR OTHER TRAMWAY PLANT WANTED, TO CARRY ORE HALF A MILE.
Address, with full description and terms, to EDWARD CASPER and Co., 40, Finsbury-circus, E.C.

WINTER'S FREEHOLD, BALLARAT.—WANTED, a REASONABLE OFFER for FIFTEEN SHARES, all paid (£25).
Address, "M. G.," MINING JOURNAL Office, 26, Fleet-street, London.

Notices to Correspondents.

*. Much inconvenience having arisen in consequence of several of the Numbers during the past year being out of print, we recommend that the Journal should be filed on receipt: it then forms an accumulating useful work of reference.

SIR,—Will any correspondent oblige by stating what quantity of average copper ore per fathom, at average price and cost of raising, would pay 20 per cent. ?—
FAR WEST.

JOINT-STOCK COMPANIES.—SERVANTS' CLAIMS ON WINDING-UP.—"J. C."—A company in course of winding-up is in the same position as a bankrupt. Servants' wages (not exceeding 10s.) would be paid out of assets in priority of other claims. The fact of his being a shareholder would not affect his position, but the liquidator would deduct any money owing to the company upon the shares held by the servant. The validity of a servant's claim for work done during the liquidation would depend upon the liquidator's power to employ him. The sanction of the company (sec. 135) is required to enable the liquidator to carry on the ordinary business during the winding-up.

THE ECTON MINE.—The letter of "Wirejags" is too personal for publication.

PROVIDENCE MINES.—In the Supplement to last Saturday's Journal, page 696, the dividends were stated to be 13,820s., instead of 113,820s.

SHARE DEALING.—We never interfere in the sale or purchase of shares; neither do we recommend any particular mine for investment or speculation, or broker through whom business should be transacted. The addresses of most of the latter appear in our advertising columns.

Received.—"America"—"G. R. H."—"W. F."—"R. H. N."—"J. C."—"Shareholder" (Dolcoath)—"W. H. B."—"Reader"—"M. F. G."—"Shareholder" (Emma)—"A. E. T."—"J. D."—R. Symons.

THE MINING JOURNAL,

Railway and Commercial Gazette.

LONDON, JULY 5, 1873.

THE COAL QUESTION.

The announcement that the Committee appointed by the House of Commons to enquire into the cause of the late panic in the coal trade had determined to take no more evidence will be received with the reverse of regret, seeing that for all practical purposes the information elicited from most of the witnesses was foreign to the issues to be tried. In fact, the relevancy of most of the questions put to the witnesses as to the reason for the high price and scarcity of coal which prevailed in February last bore but a very small proportion to those which actually related to those points. But although the labours of the Committee are not likely to be of a really beneficial character to the consumers of coal in the metropolis or elsewhere, either by lowering the price of that indispensable article or by ensuring a plentiful supply of it, yet some of the evidence given is such as ought not to be passed over without comment. Although significantly enough, we may say, what appeared to some of the Committee as of the least consequence to practical men was looked upon as of the most importance. To those who have paid attention to the subject of our coal supply, especially to the metropolis, it has long been known that the question of railway carriage was intimately mixed up with it. We, therefore, consider that Mr. STANHOPE, one of the Committee, touched a rather vital spot when he stated that, although a colliery owner, he could not send coal from his own pit by railway to his town residence unless through an ordinary dealer. Now, Mr. STANHOPE is not only the lessor of some very extensive coal fields now being worked in South Yorkshire, but has also a colliery of his own from which his country mansion, Cannon Hall, is supplied. Yet with an abundance of excellent coal he is compelled to pay fully 17. per ton more for an inferior article in London than he would otherwise have to do, because the railway company grants a monopoly to the metropolitan merchants. Here, then, we have one of the causes for the high price of coal which prevailed during the early part of the year. We, therefore, much regret that the Committee did not carry the railway question much further than it did, for a great deal of most valuable information in connection with it could have been given.

As an illustration of the existing railway monopoly with regard to the coal traffic, we may state that the coalowners of South Yorkshire for years past have been endeavouring to obtain a line of railway from their vast mineral fields to the metropolis, so as to be independent of the Great Northern, but without success. In 1864 a line was promoted from Doncaster to Peterborough to join the Great Eastern, when it was proposed that the coal should be carried to London at 4d. a ton per mile. The Bill was opposed by the Great Northern, and thrown out by the Committee of the House of Commons on the ground that the carriage rate for coal as proposed would be unfair towards the former costly line. In 1871 another proposal was made for a mineral line to carry coal at about the same rate as the previous one, but being opposed by the Midland and Great Northern met with the fate of its predecessor. During the present session a third effort was made for a new line, but with like success; it was killed in Committee. On those three occasions the various railway companies interested were represented by the ablest parliamentary counsel, yet no one appeared on behalf of the public of London, to whom the decision was one of cheap or dear coal. This will be evident when we say that the difference in the carriage rate of coal by the two first proposed lines we have alluded to would have been 3s. 6d. per ton in favour of the London consumer over what he was then, and is now, paying. Surely, with such facts there was sufficient groundwork for the Committee to have enquired how far the railway monopoly had affected prices. The omission we do know was considered by many colliery proprietors as a very serious one.

With regard to the working of mines, there was some truth in the remark made by Mr. NORMANSELL whilst giving his evidence, that the more you educate a man the more you unfitted him for hard work. Mr. SMITH, the agent to Lord WARD, was evidently thinking of the same thing when he said the effect of recent legislation tended to the extermination of the race of colliers. This is evident from the fact that even now there is more difficulty than ever there was in inducing parents to allow their children to go into mines to work. A large number of colliers, too, give their children at present a good education, and the boys associating with a class rather above them, prefer a more genteel and cleanly profession than that of a miner. But in this we do not see much to grieve at, for it can only hasten the more general adoption of mechanical means for cutting coal, which is so successfully in operation at so many places at the present time. In fact, coal-cutting machines before very long will become an actual necessity, for even now there is a dearth of colliers, and which will be more fully felt in the course of a year or two, owing to the large number of collieries now being opened out in all parts of the kingdom. We were, therefore, surprised to find that the committee did not take any evidence with regard to machinery for getting coal from those in charge of mines where such is now in use, as well as from inventors whose machines are being worked. Here was another opportunity for obtaining reliable and valuable information on a most important matter relating to mining and on the future production of our collieries, that was almost entirely overlooked by the Committee.

Mr. GEO. ELLIOT gave some very interesting evidence on the last day of the sitting with reference to double shifts, and we certainly agree with him in his views that it would be alike advantageous to owners and workmen. The opposition, to our thinking, on the part of the men is in great measure due to the fact that by such a system the output of coal would be greatly increased. The same gentleman also alluded to a truly gigantic proposal—but one not by any means new—the amalgamating of all the collieries in Durham into one company. No doubt such a vast concern under one management would have its advantages, but in all probability it would be followed almost immediately by a similar combination on the part of the workmen, already a powerful body. We should then have two great powers, capital and labour, like two contending armies watching most jealously each other's movements, and always kept in a high state of excitement, expecting to have to give battle at almost any moment. The present state of affairs we believe will be found more

satisfactory, especially as there will be no difficulty whatever in colliery owners combining together in defence of their legitimate interests, and in being supported in so doing by public opinion, as they were in the recent struggle in South Wales.

Having thus noticed a few of the salient points brought out in evidence before the Coal Committee, as well as those which might have been advantageously entertained, we again venture to reiterate our opinion that all cause for alarm as to the scarcity of coal, or of the price of it being anything like it was in the early part of the year, has passed away. We believe the effects of the late panic will be seen before very long in a vast increase in the production of coal in all parts of the kingdom, owing to the opening out of so many new collieries, and the consequent cheapening of an article of such vast importance to our national industries and social comfort.

RAILWAY IRON IN BRITISH AMERICA.

Our exports of railway iron to British America present a slight advance this year, a circumstance which, having regard to the present price of railway material, must be regarded as highly encouraging, showing, as it does, that the Canadians are prepared to make great sacrifices to secure a large development of railway communication upon their soil. The annexed table illustrates the shipments of railway iron to British America in the first five months of 1873, as compared with the corresponding periods of 1872 and 1871:—

Month.	1871.	1872.	1873.
January	100	425	3
February	—	1712	856
March	2807	2850	1621
April	5029	5255	6090
May	6077	8004	11,535
Total	14,713	18,246	20,105

Certainly the exports are not very large, even now; but it may be remarked that Canada ranks fourth among our foreign and colonial customers for iron; and, now that the export season has thoroughly commenced, she will probably work into the third place.

The Toronto, Greg, and Bruce, the North Shore, the Toronto and Lake Nipissing, the Northern Extension, the Canada Southern, the Midland of Canada, and other undertakings, have all consumed a certain quantity of railway iron; but our best customers must have been the Intercolonial, the Great Western of Canada, and the Grand Trunk of Canada. The Great Western of Canada has been making very great progress in steel railing its main line, and now that the Grand Trunk of Canada has successfully carried out sundry financial arrangements which will place it in possession of some 2,000,000 of additional capital, we may depend upon it that a policy of improvement will be enforced also upon this hitherto unfortunate system. Even such profits as the Grand Trunk of Canada has been enabled to realise have been swallowed up in the weary struggle which the directors have had to wage year after year with the rapid deterioration of the permanent way, in consequence of the severe action of the Canadian climate upon iron rails; but, the Grand Trunk of Canada once steel-railed, and relieved from gauge isolation, the prospects of the whole concern will be immensely changed for the better. Not only will the bondholders—and even the stockholders also, to some extent—enter into the enjoyment of dividends, but an inducement will be afforded to them to engage in extensions and other improvements, which in their turn will absorb very large amounts of material.

In dealing with the question of railway iron in Canada, we must not only look at the present but we may very fairly glance at the future. The principal enterprise which meets the eye among the authorised new railway projects of Canada is the Canadian Pacific. This vast undertaking will absorb, of course, a very considerable amount of time in its development, but still the intention of the Canadians to carry it out seems clear, decided, and unmistakable. Possibly the Canadian Government is waiting for a decline of rail prices in Great Britain before finally committing itself to the mighty work. But then, if there should be a delay of two or three years in the prosecution of the Canadian Pacific Railway, it seems tolerably certain that it will eventually prove a considerable absorbent of our railway iron. Then account must be taken of the gradual progress of Canada in population and wealth. Hitherto her resources have been imperfectly understood by the emigrant class, but the progress of education and wide dissemination of information through the medium of the cheap press are changing all this. Canada now counts her new settlers by thousands where she formerly reckoned them by hundreds; and the Dominion is accordingly at last beginning to fill up. As new towns and cities spring up, and as primeval forests give place to well cultivated farms, the demand for more railway communication in Canada will be certain and inevitable. So far, then, from the demand for British iron in Canada being likely to decline, we believe that it is more probable that it will increase. But, of course, a great deal depends upon the course of prices, which at their present level must sorely try the patience and tax the endurance of Canadian railway projectors. It is possible enough that Canada may endeavour to grapple with the difficulty by applying herself to the production of rails on her own soil. At the same time, young countries do not take very naturally or very readily to metallurgical pursuits, and it seems probable that for many years to come British railway material will command a ready market in Canada, provided only that it can be delivered at a reasonable price. The consumption of steel rails will especially be very large, the use of steel rails being a matter of life and death to Canadian railways.

EXPORTS OF LEAD.—The exports of lead from the United Kingdom in May amounted to 4637 tons, as compared with 4881 tons in May, 1872, and 5571 tons in May, 1871; and in the five months ending May 31 this year to 12,415 tons, as compared with 19,646 tons in the corresponding period of 1872, and 19,430 tons in the corresponding period of 1871. The exports have largely fallen off this year to the United States; they have also declined to Russia, China, British India, and Australia, but they have slightly increased to France. The value of the lead exported in May was 108,295s., as compared with 99,440s. in May, 1872, and 109,774s. in May, 1871; and in the five months ending May 31 this year 281,768s., as compared with 390,977s. in the corresponding period of 1872, and 374,806s. in 1871.

GNOLL COLLIERY (Neath).—Messrs. Shelford and Robinson, the managers, inform us that they struck the Western Moor seam of coal in No. 3 pit of this colliery last Saturday, at a depth of 400 ft. from the surface, which is within a few feet of the point anticipated in their reports on this property.

PROFITABLE MINING.—At the statutory meeting of the Dyffryn Main Colliery Company (Limited), on Wednesday, the Chairman stated that the profits actually earned in the three months' working have been between 25 and 30 per cent. per annum, notwithstanding that some old contracts—now, of course, unprofitable—had been necessarily taken over with the purchase. These, however, will soon come to a close. An interim dividend at the rate of 10 per cent. was declared.

ENGLISH COAL IN FRANCE.—The Eastern of France Railway Company has followed the example of the Northern of France Railway Company, and has purchased 25,000 tons of English coal, delivered on trucks, and duty paid, at 12. 6s. per ton.

UTAH SILVER-LEAD MINING COMPANY.—APPOINTMENT OF MR. LONGMAID.—The appointment, as superintendent of this company's property in Utah, of Mr. JOHN LONGMAID, for some time past of Maidenpek, Serbia, and who has resigned his position with the Serbian Copper and Iron Company, and has accepted the management of the Utah Company's mines, will, doubtless, give general satisfaction. He sails for the United States on Saturday (to-day), and will take with him a very handsome testimonial from his former employers—the directors of the Serbian Company—stating therein that they "consider that, during the three and a half years that he had the sole management of the Serbian Copper and Iron Company's mines and works, he performed most arduous duties—reopened extensive mines, fitted them with modern appliances, introduced a new system of smelting, and brought into order a mixed population, demoralised by many years of misrule under a former company. In addition to this, he has maintained the most friendly relations with the Government of Belgrade, conducting several very difficult negotiations with skill and ability, and obtaining results alike satisfactory to the Government and the directors." His contract with the company was within a few months of expiration, and "at his own request the directors unwillingly re-

leased him from it, his resignation having been reluctantly accepted by the directors. The directors further add that they "feel that, after having served them so gently, and brought their works into profitable operation, he merits the same degree of their satisfaction, as well as the very friendly feelings they entertain for him, and will continue to entertain, though their connection is severed." This may appear to be precisely the kind of mine manager required for opening up the American mines worked by British capitalists, and such appointments are calculated to prove alike advantageous to the English companies and to the States in which the mines are situated.

REPORT FROM CORNWALL.

July 3.—Little calling for comment has transpired during the few days in the West. The most notable event of the week, and that is indeed so, is the notice of a call in Devon Great Consols, the formation of this mine, in 1844, 17. per share was paid; from that time until now the shareholders have never been called upon for anything, now they are asked to pay 10s. a share on the subdivided shares, which is equivalent to a call on the old shares of 3s. The balance-sheet produced at the last half-yearly meeting, on May 2, showed a balance of cash in hand of 67,057s. to the end of April. This must have been, therefore, a rapid absorption of this balance to meet a call in so short a period. Some years since the share of Devon Consols sold for above 600s. per 1024th share, which was about 37. per 10,240th share, or about 30,000s. for the mine. Probably the late unexpected drop in the copper standard has had something to do in hastening the call, but its occurrence was inevitable. Devon Consols is now passing through the same trials that Dolcoath and other great mines, once copper now tin, have had to undergo, and cannot expect to escape on easier terms. Its prospects are as good as theirs were, and, no doubt, patience and good management will see it through.

It is now confidently stated that the differences in the Frances family are settled, and that South and West may henceforth be expected to live in amity together. We hope so. To-morrow the terms are to be laid before the West Frances shareholders. Whatever they are they must be better than law.

A very important discovery is reported from Central Cornwall. Cornishmen are all familiar with the fact that many a time and valuable ores have been thrown away, or neglected, in ignorance of their value. This has often been the case with copper, not un- frequently with nickel and pitch-blende. Nay, we know one district where the roads were mended with valuable silver-lead ore, and got out of repair, the parish gladly accepted the offer of a known resident to put them in thorough repair if he were allowed to take away the remains of the old metallurgy, and who made a very handsome profit out of the transaction. But Cornishmen generally have been supposed to "know tin." It would appear, however, that this has not always been the case, for Capt. Parkyn has just reported the discovery in the famous Fowey Consols sett of several rich lodes in virgin ground. It does seem strange that these valuable runs of ore should have been overlooked until their discovery by comparative stranger, but if the expectations entertained are realised the result must be the revival of mining in a district which was once among the richest in Cornwall, but is now sadly shorn of its former glories.

How is it that in these days of dear coal and heavy water charges only 18 pumping engines are reported? If ever there was a time that the highest duty possible should be got out of our engines, it is the time, and yet except in a few mines no attention at all appears to be paid to the matter. This is a point for adventurers to consider.

Complaints are made from some of the mines as to the indifference of the miners to do a fair amount of work. There is a great deal of truth in this, as anyone who is acquainted with the various mining districts must know. But still these ill-habits are for the most part singularly localised; and, in some cases at least, the fault is not on one side. As we have said before, there are still mines in which the worst features of the old five-weeks month system are to be found, and then it is little wonder if things will work out of gear when all has been done that can be done difficulties will remain. Mining cannot be made exempt from evils which attach to all occupations.

The drop in tin yesterday is regarded as another proof of a really reckless manner in which the interests of the county are being trifled with. If any enquiries are made, in nine cases out of ten they are met with the reply, "Australian tin;" but the belief here is that if once it was generally and authoritatively known that the quantity of Australian tin really imported is, the whole would collapse, and the market return to something like legitimate prices. It is years since the first parcel of Australian tin came home, and the quantity has not increased by any means in proportion to the disturbing influence.

The China-clay trade would soon fall off if it had many such weeks connected with it as one which was made the subject of enquiry at Falmouth week—she came into port making 3 ft. of water per day: 450 tons of China were put on board, and the leak so increased that 9 ft. of water was next found her, that the water continued coming in through the planks all night, and the morning she had to be towed ashore. When lying grounded on Bar Beach water ran freely into her and out of her as the tide flowed and ebbed. All water there was about 10 ft. of water in the hold, and at low water about 3 ft. sprouting out from the seams and bulks all round her to the 6 ft. line.

The Great Western Docks are so intimately connected with the mining industries of the West that no excuse is needed for indicating the terms upon which the South Devon Railway propose to effect an amalgamation with that concern, which is its seaward terminus. The railway proposes to acquire the docks from July 1, 1874. They will pay the arrears of interest on the guaranteed shares which have accrued since 1847, convert these guaranteed shares at par into South Devon 5 per cent. Preference Stock. The ordinary shares they will either exchange for South Devon Stock at 40s. per cent, or pay off at 4s. per 20s. share in cash. These terms are liberal. The first dividend declared on the preference shares was last 2 p. c. L. a year the dividend on these same shares was 3 1/2 per cent.; for the coming half year being at the rate of 4 per cent. The preference shareholders are likely, therefore, to grumble at being paid the balances of interest due to make their total dividends to 5 per cent., and being secured 5 per cent. half-yearly perpetuity. The original shares, up to the present time, have never participated in dividends, and have been selling lately at 1 1/2 to 2. Taking the figure at 1 1/2 it is now proposed to convert them, in conjunction with the present price of the Devon stock, the operation may be considered nearly equivalent to turning them into a 2 1/2 per cent. investment.

REPORT FROM LANCASHIRE AND CHESHIRE.

July 3.—At the Bolton Petty Sessions, on Thursday, Mr. WILL Spedding, of the firm of Messrs. Spedding, Chambers, and Jones, colliery proprietors, Blackrod, was summoned, at the instance of Mr. Joseph Dickinson, Her Majesty's Inspector of Mines for the district, for neglecting to make secure the sides of a working shaft of their colliery; for not having a proper indicator attached to the engine, to show the position of the load in the shaft; and for neglecting to keep a fly-wheel securely fenced in. Mr. Holden, of Bolton, prosecuted; Mr. Dean, of Blackburn, defended. The first charge had been laid in consequence of a fatal accident having occurred on May 9 last, by the fall of a stone from the side of the pit; and it was admitted that the defendant had the sides were not safe. On his behalf, however, it was stated that he had only been in the proprietorship 13 months, that the deceased was somewhat reckless, and that the workmen, who had been consulted, were not as to the condition of the pit. The full penalty of 20s. and costs was imposed. The other charges were withdrawn, the fly-wheel having since been fenced in, the indicator being no longer required.

Yesterday the proprietor of Bryn Hall Colliery submitted to the coroner and jury enquiring as to the deaths by the recent explosion there his reply to the statements made by Mr. Dickinson, the Government Inspector, at a previous sitting. Mr. Ellis, solicitor for Wigan, conducted the case for the proprietors, and called Mr. P. Grippin, the manager of the colliery; Mr. John Higson, son of Mr. R. Higson, Government Inspector for the district, and for some time viewer of the colliery; Greenwell, Lord Vernon's mining engineer; and amongst the other witnesses examined was Mr. Pickard, the miners' agent for the district. The witnesses were very disagreed with Mr. Dickinson's theory as to the mine having been rapidly developed, and as to the system of working not being suitable for a very mine. One witness said that when that system was in operation the whatever had lodged, and that the opposite had been the case when the system had been in operation. A discussion took place as to the interpretation placed on that portion of the Mines Regulation Act which directs that no man shall have in use more than 4 lbs. of powder, and provided that the powder contained in cartridges. It was held by Mr. Dickinson that the statute had been broken, inasmuch as the shot-lighters had such a much larger quantity. On the other hand, it was alleged that the clause had no reference to men employed, as in this instance, to light shots when the colliers were not below; it

release applied to shot-lighters nearly as many of them would be needed as the present number, and that the Legislature had never contemplated the application of the same to these cases. The enquiry, which has attracted much attention in the country, was again adjourned.

On June 27, before the County Justices, Mr. Robert Rochdale at the Rag hole Colliery, Butterworth, was fined 5s. and costs for permitting a boy between 10 and 12 years of age to be employed at the horse-gin used in the colliery. Also the costs in two cases for permitting boys to be employed below ground without the sanction of the Secretary of State.

"SPECIAL RULES" IN LANCASHIRE.—The Lancashire colliery inspectors, for some time past have been considering the alterations suggested by the Home Secretary in the "Special Rules" under the Mines Regulation Act, and on Monday, Mr. John Knowles occupied the chair, and Mr. J. H. Knowles, the Government Inspector, was also present. The most important alterations are that the masters adhere to the rule which requires the men to be employed on the sides of their working places, and the miners are also required in addition to the examination of the underlooker, fireman, or other person, to satisfy themselves as to the safety of the places before commencing work. If these provisions are sanctioned, it will remain to be seen whether the men will take, as they have resolved not to undertake any such revision.

The Council of the Midland Institute of Mining Engineers, whose members are scattered through the South and West Yorkshire coal fields, have decided on the erection of a suitable building in which to hold their meetings and conduct their business. It is also the desire of some of the members that the erection should embrace a kind of coal exchange, and that the building should be similar to those in existence in various parts of the country. At the present time no such place exists in the vast Yorkshire coal field, and the coal industry seems to be by itself in this respect, whilst other industries have their stated places for the transaction of business. We understand that the project will be discussed at the general meeting of the Institute, which is to be held on Monday. A committee will, doubtless, be appointed to lay the result of the enquiry before the colliery owners, who, it is believed, will aid the Institute in carrying out a project so important and desirable an object.

REPORT FROM SCOTLAND.

The Warrant Market has been pretty steady during the week. The price ranging betwixt 107s. 3d. and 110s. 6d. Yesterday's was the opening price, and business was done down to 107s. 3d. at which sellers remained. To-day the market was flat, and business was done down to 107s. 3d. cash, closing firmer, buyers at 108s. 6d. There is little or no change to report in makers' iron, but a reduction of 20s. a ton has been declared by the malleable ironmasters.

G. M. B. at Glasgow (deliverable alongside)		No. 3.	No. 4.
Garnett's ditto	ditto	122 6	112 6
Garnett's ditto	ditto	123 0	112 6
Garnett's ditto	ditto	121 0	111 0
Garnett's ditto	ditto	116 0	111 0
Garnett's ditto	ditto	115 0	111 0
Garnett's ditto	ditto	120 0	112 6
Garnett's ditto	ditto	121 0	112 6
Garnett's ditto	ditto	117 0	112 6
Garnett's ditto	ditto	112 0	110 0
Garnett's ditto	ditto	122 6	112 6
Garnett's ditto	ditto	121 0	112 6
Garnett's ditto	ditto	115 0	110 0
Garnett's ditto	ditto	113 0	110 0

SHIPMENTS.		Tons
Week ending June 29, 1872		16,599
Week ending June 29, 1873		12,107
Decrease		4,492
Total decrease since Dec. 25, 1872		140,283
Exports of Middlesbrough pig-iron into Grangemouth:—		
Week ending June 28, 1873		1801
Week ending June 29, 1872		490
Increase		1311
Total decrease for 1873		448

will be noticed above that the makers have been forced to reduce the price of Finished Iron by 20s. a ton, in the face of dear iron coal, in order, if possible, to induce orders. The effect of the reduction will take some days to show itself, but the *vis inertia* has not been in any way disturbed, and makers are as ill off for orders as ever. In the hands of warehouse-keepers there are no stocks of iron, and if even a moderate demand was springing up sellers would secure the control of the market, and prices would necessarily rise. Shipments of every description of malleable iron are restricted.

As far as iron prices, according to quality, especially steam coal, which there is an extra demand for the East Indies, Watson's iron coal bringing the top price. The shipments of the week were heavy, 44,288 tons shipped, against 37,778 tons in the corresponding week of last year. No iron has yet been come to the "Special Rules," and the prolongation of the question serves the purpose of keeping up the prices in the market, although the general trade of the country is retrograding. The had effects of the additional burden of propping according to the Durham plan on the ironmasters that will certainly not better the position for consumers.

ADDITIONAL PARTICULARS.—Additional particulars respecting the some-what remarkable coal fields which have been found in the Faroe Islands, and are about to be worked, have come to hand. The party of gentlemen who had just making preliminary arrangements for commencing operations find that the island of Suderoe, the most southerly of the Faroe group, and a point bordering Frangisavag Fjord, affords the best facilities for mining. The natives were digging coals for their own use, and taking advantage of the excavations, a pile of about 200 lbs. in weight was selected from the most extreme point of the island for the purpose of being tested. This was forwarded from Granton by rail to London, where it underwent an analysis by Mr. Emerson Bainbridge, and the Duke of Norfolk, and other scientific gentlemen. The sample has been analysed, and will, no doubt, be known in the market by name.

Examination of candidates for certificates of competency under the Mines Regulation Act is now going on. There are about 100 applicants, including several from England. The examiners are—Mr. McCosh, Gartsherrie Ironworks; Mr. Creath, mining engineer, Glasgow; and Mr. Greig, Coltness Ironworks; along with the secretary, Mr. C. Macpherson, writer, Glasgow.

James Culliffe and Dunlop launched from their works, Port Glasgow, an iron steam scow, built to order of the Royal Asiatic Mining Company, and designed expressly for their ore traffic. The engines, which are at present being constructed by the builders, are on the compound surface condensing principle, and will be fitted on board the vessel, now moored in their dock.

The West of Scotland Association of Gas Managers Mr. Malam, Glasgow, described his device for lighting gas jets in lofty and inaccessible places by the use of a "philosopher's lamp." A nozzle for hydrogen and a piece of platinum are placed on either side of the burner, and a little above it, and the hydrogen is turned on from below it makes the platinum red-hot, and the hydrogen is turned on from below it makes the platinum red-hot, and the hydrogen is turned on from below it makes the platinum red-hot.

TRADE OF THE TYNE AND WEAR.

The Coal, Iron, and all other Trades indeed have been extremely quiet of late. As most of the coke made in the district, a considerable amount of the coal produced also, is contracted for, there is not a great deal which can be sold at the reduced price; market value of coke and manufacturing coal has, however, fallen lately, and coke in small quantities can now be had at 37s. 6d. a ton, and the description of coal alluded to above at from 13s. to 15s. per ton at the pits' mouth. Pig-iron and also finished iron has been reduced in price lately, and pig-iron can now be got for future delivery (say for three months) at 110s. No. 3. It is curious that the demand for iron continues great and no reduction has yet taken place in the price; this, however, is no doubt accounted for by the fact that until very recently there were no stocks of house coal, and the absence of contracts in that branch of the trade, the iron shipping and engine and foundry trades are very quiet men are more plentiful than for a considerable time. Miners are also to be had in great numbers, as men from other branches of trade continue to flock into the trade in spite of the high wages, and this movement must ultimately affect the price of iron in spite of the powerful action of the Trades Unions.

The new winnings for coal in the district are making good progress. A new winning has been commenced at Nettleworth, near Newcastle, under the management of Mr. Daglish, of Tynemouth, and advertisements are issued for tenders for the erection of a number of dwelling-houses on the works. This new winning is at no great distance from the famous Pelton Fell Colliery, which has produced a large quantity of gas coal, and where a new shaft is in progress to win the Bustyoking seam. The new shaft at Framwellgate Moor Colliery, to win the same seam, has been down a considerable distance, and the coal is expected to be reached soon. A new winning made by Mr. Bagnall, at Swalwell, has proved successful, a good quantity of coal has been reached, and coal working has now commenced. On Alnwick a colliery has been opened out, and coals are worked sufficient to supply most of the residents in Alnwick, and part of the produce is to be sent to the Tyne for sale. The fellow-workmen of Mr. A. Rosey, engineer, of Hunwick and Bedlington Collieries, have presented that gentleman with a splendid timepiece and

box of instruments, as a token of respect on the occasion of his leaving their collieries for East Hwile.

Boring operations are, it is stated, about to be made within a short distance of Milford Junction, on the North Eastern System, with a view of ascertaining the nature, quality, and thickness of the coal in that district. The new project is about to be undertaken by the Co-operative Mining Society, who propose to divide the profits made between capital, labour, and the consumer. The society has secured the services of Mr. Geo. Baker Foster, of Cowpen Colliery, near Blyth, a gentleman well known in the North, as their mining agent, and it is understood they are about to enter into arrangements with the Diamond Boring Company with a view of testing a royalty about 480 acres in extent. The coal field is close to a branch of the North Eastern Railway, and in the event of the borings meeting the expectations of the society shafts will be at once put down.

THE CO-OPERATIVE COLLIERY SCHEME.—Part of the capital has been secured for the purpose of commencing this adventure, but a great deal more remains to be raised; great exertions have, however been made lately to induce the men to come forward and support the scheme, and we have reason to believe that those efforts will to a great extent prove successful. It must not be supposed that it will be an easy task to obtain the necessary capital to insure success for these works, as certainly nothing less than 100,000, ought to be raised in order to insure success. And although the men are earning high wages, a very large portion of them are spending the money pretty freely, and this applies especially to the Durham men. The Northumberland miners are very thrifty, but a great portion of them have already invested their savings in building societies, co-operative groceries, flour mills, &c., and their hands are tied to a great extent; if, however, the men of Durham were to follow their example generally they might soon raise sufficient funds to float such works as those projected.

NORTH OF ENGLAND IRON TRADE.—The Quarterly Meeting, held at Middlesbrough on Tuesday, was better attended than has usually been the case, there being much anxiety on all hands to learn the probable condition of the trade for the remainder of the season. Though there seemed to be a general opinion that some revival may be anticipated, its probable extent and character could in no wise be satisfactorily determined. It is felt that much will depend upon the coming Staffordshire meeting. That there is some improvement likely is admitted on all hands, and the difficulty sellers feel in making contracts, owing to the limited quantities of iron they have uncontracted for, thus showing that purchases have been largely made forward. The late undefined and wide range of prices assumed more shape; there was not the same wide discrepancies there have been of late in the rates of buyers and sellers, and an almost uniform price was quoted by makers for the next quarter for No. 3, 110s. being the figure, about 112s. 6d. being the rate for present delivery. Forge-iron is much lower proportionately: for the same date 97s. 6d. to 102s. 6d. is about the rate. There were better enquiries for finished iron, and the prices are about the same. There were amongst those present representatives of the iron trade from France, Belgium, &c., and also gentlemen from the Midlands, Glasgow, Manchester, and London. There were a few exhibitions in the body of the hall, consisting mostly of articles which have been previously described. Mr. Charles Wood, of the Teeside Works, exhibited his slag sand, shown at the last meeting, and bricks and concrete made therefrom. He also showed models of his machine for manipulating iron and slag. One was to break up the iron as it leaves the blast furnace, and thus prepare it for the Danks process. A coal cutting machine, specimens of patent fuel, a section of the Howard boiler, &c., were shown.

REPORT FROM MONMOUTH AND SOUTH WALES.

July 3.—It is usual in this, as well as other districts, that a little slackening should take place in the Iron Trade as the mid-year is reached, and hence the quietude which has been noticed during the past week. It is at least some consolation to be able to account for an inactive state of things when it occurs. The first half of the year has been completed, and both makers and buyers pause to see what has been done and what is to be done. Upon only the second quarter of this year can Welsh makers look back with any degree of satisfaction. The quarter ending March was little better than a blank, for all the leading establishments were closed, the workers being on strike. Since then the trade has prospered steadily, and all the works have been actively employed. They still continue well employed, and but few complaints emanate from makers, nor is there any apprehension evinced that work will run short for some time to come. It is true that, unless new orders come to hand shortly, there must be a slackening of operations.

As to what the position of the trade will be in the second and last half of the year there are various opinions expressed, but none, of course, can speak positively on the matter. Buyers look for lower quotations, and will, no doubt, purchase sparingly for a week or two, to see what makers will do. Possibly there will be some little concession made, but it cannot be much. Makers are necessarily firm in their quotations, for if they were much lower they could derive no benefit at all from keeping their large establishments going. They regard the trade as in a fairly healthy state. The market is not over supplied, and an extensive consumption must go on. Rail making, however, continues by far the most active branch of the trade in this district, and there is every reason to believe that large quantities of railway iron will be purchased between this and the fall of the year. Cyfarthfa, and some other establishments, have, however, been more actively employed on bar and other orders of late. During the last few days the exports have been as follows:—Nant-y-Glo and Blaenau Company, from Newport to Riga, 900 tons of rail; Dowlais Iron Company, from Cardiff to Stettin, 1200 tons of rail—917 tons to Riga, and 500 tons to New York; Blaenavon Iron Company, from Newport 680 tons of rail to Brazil; Ebbw Vale Company, from Newport 950 tons of rails to Cronstadt; Page and Uhlen, 17 tons of hoop iron to Palermo; R. Brotherhood, 70 tons of bolt and rod iron to Pernambuco; W. Anning, 450 tons of rail to Rio de Janeiro; R. Crawshaw, from Cardiff 233 tons of bar to Naples; Aberdare Iron Company, 220 tons of rail iron to Aarhus; Guest and Company, 248 tons of rail iron to New York; and the Aberdare Iron Company, 155 tons to Esbjerg.

The dividend for the Ebbw Vale Steel, Iron, and Coal Company for the past half year is 7s. 6d. per share, which, with the previous distribution of 12s. 6d., makes 20s. per share for the year. This is about 4 per cent. on the capital employed, which is a fact well worthy the attention of Trades Union agitators, who are constantly crying out about the enormous profits being made by the iron and coal masters. The capital of the Ebbw Vale Company is over 2,000,000, and they have some of the finest iron-making establishments in the kingdom, and they have also extensive steel works; yet with all these vast works, and many advantages, the difficulty of getting the men to work with regularity, have so seriously interfered with the profits, that shareholders are only to get 4 per cent. per annum on a precarious investment that ought to realise, in such times as the present, at least 12 to 15 per cent. per annum.

The Tin-Plate Works are in pretty good employ, and the trade shows some improvement.

There has been an upward tendency evinced in the Coal Trade, and prices are now but a shade lower than they were early in the year. The demand for steam coal is much about the same. There is a better enquiry for house coals, and instead of prices being further reduced, as some predicted, quotations have been advanced, and buyers show a disposition to purchase more freely, as it is not likely that they can gain much this year by postponing transactions.

On Monday afternoon the No. 1 furnace on the Maesteg—or Old Works—property of the Llynvi, Tondy, and Ogmere Company was "blown in." This operation is always an interesting and important one, from its influence on the trade of any locality, and is especially so in this instance, because this part of the works has been idle for a long time. The necessary steps were commenced previous to the acquisition of the property by the above company, who have carried on the work in the face of great difficulty as to labour and supplies of material, but the difficulties have been surmounted, and a start made, while No. 2 furnace has also been pushed forward to a point near completion, and will also be ready in a very short time. The latest improvement have been introduced in all the arrangements, so far as was possible in the re-construction of an old works. On the top of the furnaces well-placed roads have been laid down, and capacious stocking places made for the mineral and fuel. These furnaces have hitherto been worked upon the open-top principle, but have now been so adapted as to utilise the waste gases. These gases, composed principally of carbonic oxide, are conveyed from the furnace by tubes to a large gas main carried along the back of the furnace on to the blast-engine boilers. Down-comer tubes take them to culverts running in the front of the heating-stoves, from whence they pass into gas-boxes, arranged to burn them upon the Argand principle, and suitable air and gas valves are conveniently placed for regulating the quantities to be admitted for their complete combustion. This is the most approved way of burning the gases, and its introduction is new to this part of the country. The stove pipes are of U-shape, and are so arranged that they give a high and very uniform temperature; several of the same pattern are at work at the Llynvi furnaces, and we believe have given highly satisfactory results. The blast connections, valves, and water-pipes are all of the most approved kind. The blowing-engine has been thoroughly overhauled, and one of Morton's Ejector Condensers applied, which, when we saw it at work, was giving a steady vacuum of 11 lbs. The application of gas to the stoves and boilers renders it almost unnecessary to use coal, and the consequent economy will be apparent to all who understand iron manufacture. By the re-lining of the furnace an improved interior section has been obtained, and this is important as bearing upon the extent and regularity of the production of pig-iron, and the economy of fuel. The system of removing cinder or slag from the furnaces is the same as that recently introduced at the Llynvi Works, and we believe is not in

operation at any of other works in South Wales. Arrangements are made by which horse-power will be dispensed with altogether, and everything done by locomotives. The action of the furnace since the blowing-in has been exceptionally good, and the quantity of iron made unusually large. The whole of the excellent arrangements we have thus described were designed and carried out by the able general manager, Mr. James Colquhoun, whose management at Llynvi has been so successful and profitable. We are sorry to add that he will not long remain at Maesteg, being about to take charge of the extensive establishment at Tredegar, which is one of the largest works in South Wales.

Our Swansea correspondent writes—The imports of foreign copper into Swansea during the quarter ending June 30 amounted to 8717 tons of ore, 5029 of regulus, and 658 of copper. The exports during the same period were 1333 tons. The quantity sold at the ticketings for the quarter was, of foreign and British produce, 6652 tons, realising 102,521/. The stocks of foreign copper remaining unsold represent about 6430 tons of fine copper. The next public sale takes place on Tuesday, when 1710 tons of British and foreign ore will be sold. The dispute between some of the smelters and their workmen gave rise to a little uneasiness, which, however, has regained tone, and furnace material is quoted at 10s. per unit, at which price 200 tons of regulus changed hands on June 27. The trade of the port continues brisk, and steps are being taken by the Harbour Trustees to prepare for the changes contemplated by the introduction of Mr. Plimsoll's Bill. The tin and spelter works of the Swansea Valley remain in full work, and several of the latter have large orders on hand. A local colliery firm advertises for 500 acres of coal in the vicinity of Swansea.

The arrivals at Swansea include—the William Edmond, B. Bilboa, 230 tons iron ore, Landore Siemens Steel Company; Victorine, F. St. Malo, 120 iron ore, Letricheux and David; Landais, F. Brent, 65 pitwood, order; Brennus, F. Faon, 125 loads pit-props, Chemical Company; Cyrus, B. Port Nolloth and Handeklip, 638 copper ore, Richardson and Company; Maurice, F. St. Malo, 300 iron ore, Letricheux and David; Ernest Augustine, F. St. Malo, 100 iron ore, Letricheux and David; Due Ceille, Ity., Carthage, 700 iron ore, Landore Steel Company; Album, Ity., Carthage, 710 iron ore, Landore Steel Company; Jenny No. 2, F. L'Orient, 70 loads pitwood, Governor and Company; Maria Garajina, Ity., Carthage, calamine, Vivian and Sons; Leander, B. Almeida, 256 calamine, Vivian and Sons; Golemda, B. Carthage, 750 copper regulus, Richardson and Company; Crin, Parma, 400 iron ore, to order; Magnet, 1310 tons iron ore, Sloane Richards; Havre, with 25 tons of copper ore, for Bath and Sons; 31 packages of old copper for Vivian and Sons; Noisilac, from Bilboa, with 105 tons of iron ore, to order; Elise Albert, from St. Malo, with 140 tons of iron ore, for Letricheux and David; Louisa Ann, from Bilboa, with 170 tons of iron ore, for W. Y. Edwards, Cardiff; Norma, from Bilboa, with 15 tons of iron ore, for Strick and Sons.

[We are requested to state that Mr. Temple Weightman holds no office or appointment whatever in connection with the Blaenavon Ironworks or Collieries.]

REPORT FROM NORTH AND SOUTH STAFFORDSHIRE.

July 3.—Circulars have been issued this week by several of the leading ironmasters in South Staffordshire announcing a reduction of 40s. per ton in the price of finished iron. The Earl of Dudley, Messrs. W. Barrow and Sons, Messrs. Bradley and Co., Philip Williams and Son, the Chillington Company, Messrs. Bagnall and Son, and others, quote marked bars 147, and sheets (singles) 167, per ton. The list of Messrs. Thorneycroft gives 147. 10s. as the price of bars, and 167. 10s. as the price of sheets. The makers of galvanised sheets quote 23s. for corrugated 20-gauge, but there is a great scarcity of orders. Second-class firms quote bars 12s. to 13s. and sheets (singles) 147, per ton. The announcement of the British Iron Company has not yet appeared, but a similar intimation from this firm is expected during the next few days. The pig-iron makers are quoting good brands of "all mine" 6s. 10s. to 6s. 15s., being fully 1s. lower than the prices ruling last Quarter-day. Very best brands are, of course, higher than this last, although in all qualities indications of weaker prices are observable. There is no immediate prospect of additional furnaces being put in operation, although the large number of 65 are still out of blast.

The Coal Trade of South Staffordshire is without material change in regard to price, but the demand is so quiet that the collieries, as a rule, are not doing more than half-time. Should this policy be strictly observed there is no reason why prices should come down, but it remains to be seen whether the coalmasters will be better off in the end than though they had so far reduced prices as to encourage a demand. New bore-holes are being put down at Bentley, on the estate of the Earl of Lichfield, by Messrs. John Bagnall and Sons (Limited), to prove the mineral value of the property. The Huntington boring, near Stafford, is progressing satisfactorily. So great is the interest excited by this undertaking that it has been found necessary to enclose the site of the boring lest the number of visitors should interfere with the operations. The boring is proceeding in a very satisfactory manner.

Mr. Walter Ness, mining engineer, of Pelsall, whose heroic efforts to rescue the entombed miners in the Pelsall Hall Colliery can never be forgotten in this district, has been appointed by the Government to superintend the working of the collieries about being opened out in Central India.

A noteworthy fact in connection with the high price of iron is the large substitution of wood for that material wherever practicable. This is especially the case in regard to canal boats, and we are informed on reliable authority that not a single iron boat is now in course of construction in the district.

The prices of shares in coal and iron companies are quoted as follows on the Birmingham Exchange:—Cannock and Huntington Colliery (Limited), 1/2 prem.; John Bagnall and Sons (Limited), 1/2 prem.; Sandwell Park Colliery, 210, sellers; Chillington Iron, 8 1/2; Muntz's Metal, 2 1/2 prem.; Patent Nut and Bolt, 1/2 prem.; Patent Shaft and Axle, 8 prem.; buyers; Birmingham Small Arms and Metal Company, 12 1/2, sellers; and Birmingham Wagon, 15 1/2, buyers. The market shows considerable firmness.

In the North Staffordshire Iron Trade prices have been weakened by the action taken by the ironmasters in the south part of the county, but no official intimation of a reduction has been issued up to the time we write. Coal is in more plentiful supply, and prices are irregular.

NORTH STAFFORDSHIRE COAL AND IRON TRADE.—The quarterly meeting of the North Staffordshire Coal and Iron Masters' Association was held on Thursday, at Stoke-on-Trent, Mr. Wragge in the chair. The meeting was very important, as regards the business transacted. It was stated that the course taken by the South Staffordshire ironmasters in reducing the prices of finished iron had greatly disturbed the trade; while the reports as to North Staffordshire showed that business was in a quiet condition pending the Birmingham quarterly meeting, and prices were unsettled in every department.

REPORT FROM DERBYSHIRE AND YORKSHIRE.

July 3.—Lead mining in Derbyshire has undergone no change since last report. We have heard of one or two proposals to form companies, but they have not made much headway, such speculations being looked upon rather suspiciously. There are, however, some few really good concerns in the hands of Sheffield companies, but as a rule private mines are those that pay the best. Of this there is a proof in the position held by the Wass family, whose spirited enterprise has placed them in the first position in connection with the lead mines of the county. The collieries are doing a very good business indeed, considering that we have now got into the heart of summer. The London trade is much better than it has been, and a large tonnage is being sent from Clay Cross, Langley Mill, Eckington, Codnor Park, and Pinxton. The pits belonging to the Staveley Company are also running at full average tonnage of coal, and sending it in nearly all directions. At Sheepbridge, also, there is considerable activity at the collieries. The development of the minerals in the neighbourhood of Dronfield is being pushed forward with energy, and a considerable tract of coal of the Silkestone seam, which will, probably, reach close upon 6 ft., has been taken by the Dronfield Silkestone Coal and Coke Company. In the same locality a considerable number of additional coke ovens are about to be put up, so as to keep pace with the demand for the works in the district and in other places. The position of the Iron Trade has been well maintained in all parts of the county from Dronfield to close upon Nottingham. A great deal of mill, girder, and other work is being turned out along the course of the Erewash Valley, whilst the blast furnaces have been kept fully going. Every description of foundry work has been for some time past in very brisk request, the Staveley Company, amongst others, making vast quantities of every description of pipes and general castings.

The heavy iron and steel works in Sheffield are doing very well, but the lighter branches are still very quiet. The strike of the engineers and the unsettled state of some other trades have so far not retarded the progress of the general trade of the town. The mills engaged in the production of heavy armaments are working very steadily, as are those rolling those adapted to the requirements of ship and boiler plates. Most of the cutlery branches are very quiet, and in not a few instances the workmen continue to work. Every description of material is in good request, whilst the makers of Bessemer steel continue as busy as ever, the rail mills in particular being very active. Springs, tyres, axles, and other forgings of the same material are still in active demand as ever they have been. The South Yorkshire coal trade is unusually brisk for the time of year, and what is still more astonishing is that the orders just now for house coal for the metropolis are unusually large. It is evident that the consumers are afraid of

a great advance in prices, and are, therefore, laying in stocks for winter, and thus actually doing what it is their desire to prevent. A more suicidal policy, or one better adapted for increasing prices, could not be pursued.

At the Darfield Main Colliery, which it will be recollected last year caught fire near to the furnace, necessitating the flooding of all the works, considerable progress has been made in getting the water out, and the bottom has been nearly reached. A powerful fan for the purpose of ventilation has been at work for some time.

RAILWAY ENTERPRISE IN FRANCE.—A company has recently been registered, under unusually influential auspices, which is designed to assist the French people in the construction of certain public works of European utility. The earlier French railways were built by English contractors, but prior to the Franco-German war the financial and engineering energy and resources of France were sufficient for every need, and owing to the absence of parliamentary expenses, which in this country sometimes equal the cost of a continental railway, no lines in Europe have been more remunerative than those of France. The French people, impoverished by the war, are now again obliged to seek foreign aid to execute necessary works, and to meet this want the French Railways General Extension Company (Limited), has been founded, with a capital of one million, of which three-fifths have been subscribed by the founders. It is proposed to build a railway direct from Calais to Marseilles, for which concessions and subsidies have been obtained from the departments traversed, and hereafter to engage in other enterprises. To English travellers to the East this railway will have more than the claims of an ordinary enterprise. The prospectus will appear in next week's Journal.

TIN ORE SOLD IN LONDON, 1st JULY, 1873.

Qnty.	Price.	Purchasers.	Qnty.	Price.	Purchasers.
cwt. s. d.			cwt. s. d.		
40... 74 10	0	Bolton and Sons.	71... 53 0	0	Williams, Harvey, & Co.
40... 17 10	0	Calenick Smelting Co.	51... 61 0	0	ditto.
27... 43 0	0	ditto.	51... 82 5	0	ditto.
110... 80 15	0	ditto.	30... 77 10	0	ditto.
15... 76 0	0	ditto.	40... 77 5	0	ditto.
15... 70 10	0	ditto.	90... 76 0	0	ditto.
7... 79 5	0	ditto.	135... 71 5	0	ditto.
8... 56 10	0	ditto.	135... 70 10	0	ditto.
2... 40 0	0	ditto.	65... 69 15	0	ditto.
4... 44 0	0	ditto.	35... 52 0	0	ditto.
20... 80 10	0	ditto.	30... 80 10	0	ditto.
158... 21 10	0	ditto.	35... 49 0	0	ditto.
30... 79 15	0	ditto.	20... 33 0	0	ditto.
115... 73 15	0	ditto.	30... 36 0	0	ditto.
50... 82 5	0	ditto.	2... 27 10	0	ditto.
150... 82 5	0	ditto.	1... 81 5	0	ditto.
110... 79 0	0	ditto.	35... 28 10	0	ditto.
74... 79 0	0	ditto.	85... 23 0	0	ditto.
60... 21 10	0	Charlton & Co. Smelt. Co.	1... 11 10	0	ditto.
24... 51 0	0	ditto.	15... 33 10	0	ditto.
100... 81 17	0	ditto.	19... 28 0	0	ditto.
65... 80 0	0	ditto.	15... 12 10	0	ditto.
10... 81 15	0	ditto.	15... 49 0	0	ditto.
184... 78 17	0	ditto.	50... 74 5	0	ditto.
60... 78 10	0	ditto.	24... 49 0	0	Penpoll Smelting Co.
1... 45 15	0	ditto.	140... 79 0	0	Charlton & Co. Smelt. Co.
80... 57 0	0	ditto.	110... 84 5	0	Penpoll Smelting Co.
5... 80 15	0	Redruth Smelting Co.	5... 73 5	0	ditto.
5... 80 15	0	ditto.	45... 68 5	0	ditto.
9... 80 0	0	ditto.	34... 79 0	0	ditto.
31... 85 0	0	ditto.	80... 44 0	0	Dubuz and Co.
5... 76 10	0	ditto.	13... 79 0	0	ditto.
12... 85 0	0	ditto.	90... 82 0	0	ditto.
73... 78 0	0	ditto.	155... 79 0	0	ditto.
53... 80 0	0	ditto.	224... 82 5	0	ditto.
15... 17 10	0	ditto.	180... 81 5	0	Tregoning and Co.
90... 79 0	0	ditto.	1... 11 10	0	Charlton & Co. Smelt. Co.
360... 71 5	0	Redruth Smelting Co.	497... 73 15	0	Williams, Harvey, & Co.
330... 71 5	0	Tamar Smelting Co.	181... 80 0	0	R. R. Michell and Co.
37... 55 0	0	Tamar Smelting Co.	40... 82 5	0	ditto.
150... 82 5	0	ditto.	336... 72 0	0	Bolton and Sons.
68... 74 10	0	ditto.	181... 79 0	0	Calenick Smelting Co.
10... 49 0	0	Tregoning and Co.	211... Not sold.		Calenick Smelting Co.
8... 43 0	0	ditto.	30... Not sold.		ditto.
11... 23 15	0	ditto.	30... Not sold.		ditto.
110... 79 0	0	ditto.	31... Not sold.		ditto.
35... 41 10	0	ditto.	88... 82 5	0	ditto.
60... 74 5	0	ditto.	31... Not sold.		ditto.
25... 77 10	0	ditto.	55... 65 15	0	Williams, Harvey, & Co.
35... 71 5	0	ditto.	34... 81 10	0	ditto.
130... 77 0	0	ditto.			
88... 82 5	0	ditto.			
55... 65 15	0	Williams, Harvey, & Co.			
31... 81 10	0	ditto.			

EACH COMPANY'S PURCHASE.

Danbuz and Co.	Tons 35	Penpoll Smelting Company	Tons 18
Bolton and Sons	37	Calenick Smelting Company	36
Williams, Harvey, and Co.	69	Charlton & Co. Smelt. Co.	33
Tregoning and Co.	30	Tamar Smelting Company	21
R. R. Michell and Co.	34		
Redruth Smelting Company	21	Total	361

TIN ORE SOLD IN LIVERPOOL, 1st JULY, 1873.

Qnty.	Price.	Purchasers.	Qnty.	Price.	Purchasers.
cwt. s. d.			cwt. s. d.		
8... 40 0	0	Bolton and Sons.	4... 49 0	0	Penpoll Smelting Co.
5... 40 0	0	Tregoning and Co.	6... 73 10	0	Tregoning and Co.
5... 40 0	0	Charlton & Co. Smelt. Co.			

EACH COMPANY'S PURCHASE.

Bolton and Sons	Tons 4	Penpoll Smelting Company	Tons 5
Tregoning and Co.	10	Charlton & Co. Smelt. Co.	5
Total	23		

TIN.—(Messrs. Van Houten and Ebeling, Rotterdam, June 30).—On May 31 the directors of the Dutch Trading Company gave notice that the autumn sales of Banca tin will not exceed 3,000 tons each. Notwithstanding this important announcement the tin market opened full this month, and under the influence of the strengthening aspect of monetary affairs and the heavy depreciation in the London market, holders continued to sell at a further decline. However, during the last two weeks the market has assumed a much improved tone, and with less offering prices have entirely recovered the recent fall, closing about 2½% above last month's quotations. Banca is in limited demand at 80 fl. in the beginning of the month, and gradually gave way to 79 fl. Towards June 12, the decline at last attracting the attention of buyers, a better demand set in, and in the course of a week the price improved to 81 fl. Contracts for autumn delivery changed hands from 79½ to 83½ fl. Biliton, owing to the moderate supply for sale, has been neglected throughout the month. A few landing lots found buyers from 80 to 82 fl., while a considerable business took place in parcels "to arrive" from 78½ to 82½ fl. 9000 pounds Biliton offered in public sale at Batavia on June 3 fetched the average price of 84½ fl., costing to sell here about 79½ fl. by steamer. Next sale, comprising the same quantity, is advertised for Monday, Aug. 4. The position of Banca tin in Holland on June 30, according to the Official Returns of the Dutch Trading Company, was:—

	1873.	1872.	1871.	1870.	1869.
Import in June	13,515	7,655	15,864	12,147	11,467
Total six months	121,662	51,932	66,714	51,735	27,449
Deliveries in June	11,467	12,147	15,864	12,147	11,467
Total six months	114,662	51,932	66,714	51,735	27,449
Stock second-hand	37,496	35,082	64,242	130,244	14,800
Total stock	150,708	66,539	130,244	14,800	14,800
Afloat	15,900	10,500	14,800		
Statement of Biliton:—					
Import in June	7,000	1,000	10,300	25,522	19,800
Total six months	35,120	19,308	25,522	19,800	19,800
Deliveries in June	5,900	5,177	10,300	25,522	19,800
Total six months	37,340	20,333	25,711	6,151	7,999
Stock	12,653	2,731	6,151	7,999	
Afloat	7,999	5,020	7,999		
Quotation for Banca	82½ fl.	85 fl.	79 fl.		
June 30	82	83	77½		

These combined returns of Banca and Biliton for 1873, compared with those for 1872, exhibit an increase of the import for June of 361 tons, an increase of the import for the six months of 2690 tons, an increase of the deliveries for June of 2 tons, an increase of the deliveries for the six months of 1147 tons, an increase of the stock second-hand of 345 tons, an increase of the unsold stock of 2555 tons, an increase of the total stock of 2940 tons, a decline of the quotation of Banca of 20 fl. 16s. per ton. The Government returns for the month of April are as follows:—

EXPORT OF TIN FROM HOLLAND.

	1873.	1872.	1871.	1870.	1869.
Germany	Tons 344	278	453	1090	900
England	199	32	152	606	67
Belgium	102	79	88	336	378
France	60	10	47	187	32
Hamburg	70	20	49	127	96
United States					
Other countries	8	9	42	27	24
Total	783	428	831	2443	1495

COPPER.—(Messrs. Vivian, Bond, and Watson, Liverpool).—During the past month the price of bars fluctuated about 2s. per ton, Lota brand selling at 50s. to 51s. 10s., good ordinary 50s. 10s. to 51s., and first brands at 54s., usual cash terms, with 10s. to 2s. more for extended prompts. The Liverpool smelters have taken 200 tons regular at 15s. per unit. Chill charters have been advised as follows for the month of May:—2nd to 17th, 1200 tons fine ore and regulus, 700 tons in bars; 17th to 2nd June, 1100 tons fine ore and regulus, 800 tons in bars; 3rd to 30th June, 800 tons for this month, the quotation at the latter date being 21s. 4d. per unit on shore in Valparaiso, or equal to about 55s. 10s. to sell here, with a commission on either side. The estimated stock on the Coast on June 2 being 520 tons against 5500 tons on May 17, and 4300 on May 2. The market closes very quiet, and we quote Lota 50s. to 51s., good ordinary brands 51s. first brand 52s., but these quotations are rather nominal. Arrivals from West Coast, F.A.A. during the past month:—Garano, from Guayaquil, 100 tons bars, 100 tons ingots; Garano, from Valparaiso, 355 tons bars; Bodryddan, from Valparaiso, 81 tons bars; Coralliers, from Arica, 300 tons bars, 100 tons ingots; Corcovado,

from Arica, 9 tons Barilla; Corcovado, from Huasco, 2 tons ores; Corcovado, from Valparaiso, 125 tons bars; Glencoy, from Valparaiso, 20 tons bars; Cuzco, from Caldera, 265 tons bars; Cuzco, from Guayaquil, 240 tons bars, 150 tons ingots. At Swansea—Madeline, from Carrizal, 545 tons regulus; Pacifico, from Lota, 625 tons bars; Gelvonda, from Carrizal, 750 tons regulus. Stocks of copper produce (Chilian and Bolivian) are:—

	Ores.	Regulus.	Bars.	Ingots.	Barilla.
Liverpool	307	74	15,419	910	—
Swansea	2582	4157	3,419	—	—
Total	2889	4231	18,838	910	—

Representing 22,400 tons of copper, against 15,335 tons June 30, 1872; 23,100 tons June 30, 1871; and 17,441 tons June 30, 1870.

THE CORNISH MINER.—Under this title an interesting tale, by Elizabeth Michell, has just been published (London: Houlston and Sons, Paternoster-square.—Truro: J. R. Netherton)—which will doubtless be extensively read not only amongst Cornish miners, but by all who are concerned for that very useful and hard-working class. The tale is short, but is written in an admirable style, and with undoubtedly good taste, whilst the entire narrative, being founded on facts, greatly enhances its value.

Date.	Mines.	Tons.	Price per ton.	Purchasers.
June 23—South Ward	—	8	£22 2 6	Trefry Estate.
— ditto	—	5	0 0	Vivian and Sons.
23—Tankerville	100	16	12 6	Pontesford Smelting Co.
July 1—Cae Conroy	25	16	6 0	Nevill, Druce, and Co.
— Rookhope	35	14	17 0	London Lead Company.
2—Van	152	16	11 6	Minning Co. of Ireland.
— ditto	60	16	16 6	ditto
— ditto	78	16	14 6	Weston and Sons.
— ditto	78	16	14 6	ditto
— ditto	78	16	16 6	ditto
— ditto	60	16	19 0	ditto

Date.	Mines.	Tons.	Price per ton.	Purchasers.
July 3—Van	150	£1 17 0		Dillwyn and Co.

Date.	Mines.	Tons c. q. lb.	Price p. ton.	Amount.	Purchasers.
June 23—Pettin-area	—	18 3 12	£80 2 6	£116 10 10	Trefry Estate.
— West-Godolph	5	17 24	75 12 6	451 1 0	Bolton.
July 1—Wheal Ury	6	17 3 14	75 5 0	539 8 9	Tamar.
2—Penhalls	14	18 0 19	73 5 0	1174 0 10	Danbuz.
— Blue Hills	5	5 0 20	—	390 4 4	ditto
— Furze Hill	3	1 2 13	—	234 13 2	ditto

COPPER ORES.

Mines.	Tons.	Price.	Mines.	Tons.	Price.
Carn Brea	75	£3 3 6	West Seton	30	£4 11 0
ditto	81	2 19 0	ditto	28	4 7 0
ditto	58	2 14 6	South Carn Brea	43	4 8 0
ditto	50	1 13 0	ditto	42	4 6 0
ditto	44	3 3 6	ditto	32	6 17 6
ditto	6	7 15 6	ditto	29	16 4 0
South Wheal Crofty	78	1 18 0	ditto	8	4 10 0
ditto	77	1 14 6	East Pool	69	1 19 0
ditto	47	2 17 6	ditto	35	2 14 0
Mellanor	68	1 15 6	ditto	30	3 3 0
ditto	64	1 15 0	Poldice	25	3 4 0
ditto	27	7 4 0	New Rosewarne	20	6 3 6
ditto	20	1 19 0	ditto	5	7 2 6
West Seton	48	0 17 0	West Gorland	20	2 12 0
ditto	40	4 19 0	South Dolcoath	15	6 0 0
ditto	31	6 16 0			

TOTAL PRODUCE.

Carn Brea	294	£84 19 6	East Pool	134	£323 11 6
South Crofty	292	423 17 0	Poldice	25	80 0 0
Mellanor	179	496 2 0	New Rosewarne	25	159 2 6
West Seton	177	707 18 0	West Gorland	20	52 0 0
South Carn Brea	145	949 15 0	South Dolcoath	15	90 0 0
Average standard	£94 12 0	Average produce	£23 7 6		
Quantity of ore	1216	Quantity of fine copper	78 tons 13 cwt.		
Amount of money	£497 6 0				
LAST SALE.	Average standard	£91 7 0	Average produce	£23 7 6	
Standard of corresponding sale last month	£98 12 0	Produce	7½		

COMPANIES BY WHOM THE ORES WERE PURCHASED.

Names.	Tons.	Amount.
Vivian and Sons	333	£254 19 6
Nevill, Druce, and Co.	333	917 6 0
Williams, Foster, and Co.	100	176 14 0
Mason and Elkington	202	418 7 0
Copper Miners' Company	307	1821 19 0
Total	1216	£497 6 0

NO SALE on Thursday next, July 10.

Copper Ores for sale at the Royal Hotel, Truro, on Thursday week. — Mines and parcels. — Devon Great Consols 1387—Marke Valley 509—Hingston Down 415—South Crofton 410—East Crofton 340—Glasgow Crofton 180—Gunnislake (Cibers) 169—West Martin and Fortescue 140—Wheal Crofty 130—Wheal Crofton 119—Bedford United 90—Wheal Russell 65—Wheal Friendship 36.—Total, 3061 tons.

LEAD AND BARYTES MINE.

FOR DISPOSAL BY PRIVATE TREATY. one of the MOST EXTENSIVE BARYTES MINES IN SHROPSHIRE. The mines, with but very little work and attention, have for years past yielded, and are now yielding, a good and steady profit, and almost any quantity of barytes can be regularly obtained. It is affirmed by reliable authorities that the many loaves most in depth prove to be as rich, if not richer, than any of the most celebrated lead veins in the Shropshire district. Lead can be at once returned. The undertaking would be of considerable magnitude, and would form a most exceptional and valuable subject for a public company. The reason for the disposal of these mines, which may be absolutely termed real property, will be on account of the want of capital only are requested to reply. Address, "J. P., care of Mr. Thomas, Stationer, New London-street, E.C.

NOTICE TO BROKERS IN MINES.—I, the undersigned, having PURCHASED some SHARES in CASTLE AN DINAS MINE which cannot be delivered to me, am willing to entertain prices for 170. Please state lowest price.—I could also BUY WHEAL MARY. Address, Mr. HAWKINS, Harp Oak, Merthyr, Red Hill, Surrey.

WANTED, A GOOD SECONDHAND WATER-WHEEL, about 30 ft. by 3 ft. breast. Full particulars, with price, and where to be seen, to be sent to Capt. P. RICH, 52, Blazey Consols Tin Mine, St. Blazey, Cornwall; or to the undersigned. G. S. CAUNTER, Secretary.

SMITH WANTED, AT THE WHITEHAVEN IRON MINES, ESKDALE BY CARNFORTH. ALSO GOOD MINERS. Address, Mr. THOMAS ROSEWARNE, Agent.

WANTED, A first-class PRACTICAL COLLIERY MANAGER, to OPEN OUT A LARGE COAL FIELD. Applications will be treated in strict confidence.—ANDREW HAMILTON, 3, York street, Manchester.

A GENTLEMAN, 32 years of age, of strong, robust constitution, who has served in the East Indies, China, South America, and Mediterranean, is DESIROUS OF OBTAINING THE POSITION OF MANAGER or SUB-MANAGER in a FOREIGN MINE or OTHER WORKS. Is a good accountant and well

COAL AND GAS NUTS.

PARTIES desirous of TENDERING for the SUPPLY of COAL and GAS NUTS, to be delivered in trucks to Cannock Station (probable quantity required from 500 to 600 tons), are requested to forward Tenders at once, addressed to "The Board of Directors," Gasworks, Cannock.

TO COALMASTERS, AND OTHERS INTERESTED IN MINING.

THE UNWORKED PORTIONS of the LOWER MINES in the ESTATE, belonging to S. G. H. DEAMONT, Bart., at COLEORTON, in the County of LEICESTER, containing SEVERAL HUNDRED ACRES, are now OFFERED TO CAPITALISTS, and may be made the subject matter of TREATY LEASES.

These mines are now worked extensively in the neighbourhood, and command a ready market for steam and household purposes. The estate communicates with the Midland Railway by the line of the Coleorton Railway, and the line of the Ashby-de-la-Zouch Railway, and is so most favourably situated for the development of the coal field.

Application for permission to view may be made to Mr. E. FISHER, Solicitor, Ashby-de-la-Zouch; or to Mr. J. T. WOODHOUSE, Civil and Mining Engineer, Derby.

TIN AND COPPER MINE.

THE LESSEE of an EXTENSIVE and VALUABLE MINING PROPERTY, situated in one of the best mineral producing districts in the County of CORNWALL, seeks the ASSISTANCE of an INFLUENTIAL GENERALIST in FORMING a COMPANY to WORK the same. Several large lodes containing mineral near the surface have been discovered; one of these lodes was wrought on to a shallow depth, and tin returned from it of the value of about £20,000 sterling, when the price was from 30 to 50 per cent. less than it is now. This lode drained, an immense quantity of tinstuff would be available for stamping, and monthly returns of tin could be regularly made.

The property adjoins mines which have paid the adventurers immense profits, and has the advantage of being near a sea port.

For further particulars, and reports from the most eminent mining authorities, apply to Mr. E. PEARCE, Biscovey, Par Station, Cornwall.

MINING MACHINERY.

THE UNDERSIGNED have FOR SALE a LARGE STOCK of SECONDHAND MINING MACHINERY and MATERIALS, including PUMPING ENGINES, from 70 in. cylinder downwards; WINDING ENGINES; BOILERS, from 6 to 12 tons each; PITWORK, of all sizes; CRUSHERS; STAMPS AXLES; IRON FLAT RODS, and other materials in general use in mines, &c.

F. W. MICHELL AND CO.
East Cam Brea, Redruth, Cornwall.

PUMPS WANTED.

WANTED TO PURCHASE, GOOD SECONDHAND PUMPS, of the following dimensions:—

THE WORKING PARTS of a LIFTING SET, for sinking purposes, 15 or 16 in. diameter, 9 ft. stroke.

A 10 in. FORCING SET, 9 ft. stroke, about 15 fathoms, with all working parts complete.

About 120 ft. of common PUMPS, 14 in. diameter.

Eight pairs STRAPS for pump rods, about 15 ft. long, 6 or 8 in. broad, 1½ in. thick in the middle, and ½ in. at the ends.

A horse main and tail CRAB.

Any stating where machinery can be seen, price per ton for pumps, &c., and particulars, delivered to the nearest railway station, to "M.R.," MINING JOURNAL Office, 25, Fleet street, London, E.C.

TO MINE OWNERS.

GOODLASS, WALL, AND CO., 42, SEEL STREET, LIVERPOOL, are open to BUY—

FINEST GYPSUM
SULPHATE BARYTES } In quantities.
" CARBONATE
" OXIDE OF IRON
" YELLOW OCHRE

Apply, with samples and prices, as above.

BARE OPPORTUNITY FOR MAKING A FORTUNE.

TO BE SOLD, PART or ENTIRE (former preferred) of a COLLIERY ROYALTY in NORTH WALES, bordering on the London and North-Western Railway, and close to a shipping port. There are several shafts partially sunk, some requiring to be sunk still deeper, but operations stopped for want of capital. There are four seams of good house and steam coal proved in an area upwards of 400 acres of surface. Holder will sell the entire, including the present plant (not sufficiently powerful for sinking further) for £4000, but would prefer taking a PARTNER, who would advance the necessary capital for half profits, which in the present state of the coal trade are almost fabulous.

Address, "Vulcan," care of Mr. Watson, 15, Fenwick-street, Liverpool.

GLAMORGANSHIRE, SOUTH WALES.

TO BE SOLD BY PRIVATE CONTRACT, TWO VALUABLE COLLIERIES, in working order. One steam coal and the other anthracite, about 12 miles distant from Swansea, connected with railway and canal; about 100 acres. The coal is of the best quality, and fetches a high price.

For further particulars, apply to Mr. JAMES KEMPTHORPE, Solicitor, Neath.

MINERALS IN AYRSHIRE TO BE LET.

HEMATITE IRON, LEAD ORE, and SLATE QUARRIES in the MARQUIS OF AILSA'S ESTATE of CRAIGLURE, in the parishes of BARR and STRATHEN, and county of Ayr.

The lands extend to upwards of 40,000 acres, and have been recently examined by an eminent mining engineer, who found indications of the existence of hematite iron at various places, some of them promising. Slates were worked in a portion of the estate many years ago, and a quarry is still open.

It is proposed to grant tick-notes on liberal terms to experienced parties disposed to make a full search, and if successful to grant a lease or leases of the hematite iron and lead ore, and also of the slates.

Proposals to be forwarded to Messrs. J. and G. H. GIBBS, Mining Engineers, 4, Melville-street, Edinburgh; Messrs. HUNTER, BLAIR, and COWAN, W.S., 7, York place, Edinburgh; or to THOMAS DYKES, The Castle, Maybole; the latter of whom has specimens of the lead and hematite, and will, on receiving two or three days' previous notice, send a person to accompany parties over the lands, and point out the places at which some trials have already been made.

Maybole, 25th June, 1873.

TO SINKERS AND CONTRACTORS.

TO BE LET, BY TENDER, THE SINKING of TWO SHAFTS, each 15 feet in diameter and about 420 yards in depth, at HOUGHTON, near DARFIELD, on the Midland Railway.

Specifications and forms of tender can be seen on application at Mr. JEFFCOCK'S Office, Bank-street, Sheffield.

LEAD MINES IN THE COUNTIES OF DURHAM AND NORTHUMBERLAND.

TO BE LET, ON LEASE, with immediate possession, the HUNSTANWORTH and NEWBIGIN ROYALTIES the former about 100 acres and the latter 200 acres, or thereabouts.

The Hunstanworth Royalty adjoins the celebrated W.B. Lead Mines, and has for many years yielded large quantities of lead ore, and much of the ground is undeveloped.

The particulars, apply to JOSEPH DODDS, Esq., M.P., No. 4, Spring-gardens, Chelsea, London, S.W., and Stockton-on-Tees; or Mr. THOMAS J. BREWICK, Esq., No. 4, Queen-square, London, S.W., and Haydon Bridge, Northumberland.

CLINTSFIELD COLLIERY.

TO BE LET, for a term of years, the above WELL-KNOWN COLLIERY, situated at TATHAM, in the county of LANCASTER. The coal is of excellent quality, and meets with ready demand on the spot, but every facility exists for a more extended market, as the Midland Railway intersects the property. The Upper Seam of coal has been worked many years, but not upon a scale commensurate with the value of the minerals, comprising, as they do, ironstone and fire-clay, as well as coal.

The estate is upwards of 400 acres in extent, and a very large proportion of the ground is undeveloped.

Mr. Hodgson, of Robert Hall, in Tatham, will point out the boundaries of the property, and for conditions of letting apply by letter to W. DUNN, 22, Suffolk-square, Cheltenham.

TO BE SOLD, BY PRIVATE TREATY, TWO 11 tons and ONE 9 tons CORNISH BOILERS, with 7 ft. diameter shells, tubes 3 ft. diameter. Open to a reasonable offer for the lot into trucks, or separately, as may be agreed on.

Applications to be made to "E.B.," Engineer, Mr. Sandford's, Stationer, High Street, Shrewsbury.

FOR SALE, a capital BLAST ENGINE, 20-horse power, consuming steam, 4 ft. stroke, with blast cylinder, complete. Also, a good CORNISH TUBE BOILER, 21 ft. long, by 6 ft. diameter. Will work high pressure. May be inspected on application to W. PAXSELL, East Hartree Lead Works, near Bristol; and offers will be received by Mr. W. H. BUMPUS, 44, Threadneedle-street, London, E.C.

FOR SALE.

POWERFUL WATER-WHEEL, 42 ft. by 3 ft. 3 in.—A PAIR of DOUBLE 24 inch WINDING ENGINES.

SEVERAL CORNISH BOILERS, in thorough repair.

The above are in excellent condition.

Apply to J. C. LAYTON and SON, Redruth, Cornwall; who have a large assortment of SECONDHAND MINING MATERIALS, PITWORK, &c., FOR DISPOSAL.

FOR SALE (ready for delivery), a high-class 18-horse power PORTABLE STEAM ENGINE, with reversing gear, suitable for winding, pumping, &c.

Also, a 25-horse power, with or without PIT WINDING GEAR.

FOR SALE, SEVERAL SECONDHAND PORTABLES, with NEW MORTAR MILLS, 8 to 9 feet pans.

Also, combined VERTICAL ENGINES and MILLS for GRINDING SLAG SAND, &c.

BARROWS and STEWART, ENGINEERS, BANBURY.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the NEW WEHAL CHARLOTTE MINING COMPANY (LIMITED),—TO BE SOLD, under the direction of the Registrar of the said Court, BY PUBLIC AUCTION, on Tuesday, the 15th day of July inst., at Eleven o'clock in the forenoon, at the New Wehal Charlotte Mine, in the parishes of St. Agnes, within the said Stannaries, in One or more Lots, and subject to such conditions as shall be then and there produced, the undermentioned

MINING MACHINERY, MATERIALS, AND EFFECTS, viz.:

36 in. cylinder PUMPING ENGINE; BOILER, 10 tons; double-action DRAWING ENGINE, two 4 ft. wheels, 22 in. cylinder; BOILER, 8 tons, and fittings; winding-ge, and 100 fathoms machine-chain; stands and shies; a quantity of pumps, of various sizes, account house and office furniture; and a variety of other articles and effects in general use in mines—full particulars whereof appear in handbills.

To view the same, apply to the Bailiff in charge at the mine; and for further particulars to Messrs. CARLYON and PAUL, Solicitors, Truro, and to Mr. R. H. HOLLOWAY, Solicitor, Redruth.

Dated Registrar's Office, Truro, July 3, 1873.

In the Court of the Vice-Warden of the Stannaries. Stannaries of Cornwall.

IN the MATTER of the COMPANIES ACT, 1862, and of the PENDARVE UNITED MINES COMPANY.—Notice is hereby given, that a PETITION for the WINDING-UP of the ABOVE-NAMED COMPANY, by the Court was, on the 28th day of June last, presented to the Vice-Warden of the Stannaries by John Reynolds, of Redruth, within the said Stannaries, merchant, a creditor and also a contributory of the said company, and that the said petition is directed to be heard before the Vice Warden, at the Prince's Hall, in Truro, in the county of Cornwall, on Tuesday, the 22nd day of July instant, at Twelve o'clock at noon.

Any contributory or creditor of the company may appear at the hearing and oppose the same, provided he has given at least two clear days' notice to the petitioner, his solicitor, or his agents, of his intention to do so, such notice to be forthwith forwarded to P. P. Smith, Esq., Secretary of the Vice Warden, Truro.

Every such contributory or creditor is entitled to a copy of the petition and affidavit verifying the same from the petitioner, his solicitor, or his agents, within 24 hours after requiring the same, on payment of the regulated charge per folio.

Affidavits intended to be used at the hearing in opposition to the petition must be filed at the Registrar's Office, Truro, on or before Friday, the 18th day of July instant, and notice thereof must at the same time be given to the petitioner, his solicitor, or his agents.

HODGE, HOCKIN, AND MARRACK, Truro (Agents for S. T. G. Downing, Redruth, Petitioner's Solicitor).

Dated Truro, the 2nd of July, 1873.

IN LIQUIDATION.

THE BRYNPOSTIG LEAD MINE.

NEAR LLANIDLOES, MONTGOMERYSHIRE.

The LEASES, PLANT, and MACHINERY of all that extensive and valuable Lead Mining Property, known as the BRYNPOSTIG LEAD MINE, situated in the locality of the celebrated Van Mine, and within two miles of the town of Llanidloes, Montgomeryshire, and one and a half miles from the Tylich Station on the Mid Wales Railway.

MR. G. T. SMITH is favoured with instructions to SELL, BY AUCTION, on Thursday, the 10th July, 1873, at One o'clock P.M., on the Mine, near Llanidloes.

The MACHINERY comprises a 28 inch rotary PUMPING ENGINE, a 16 inch horizontal WINDING ENGINE, with winding gear and crushing mill complete; excellent workshops, offices, dressing floors, &c., with every other requisite for a large Mine.

The Mine has lately been worked by a limited company, which was incorporated on the 1st of January, 1864, and which expended more than £20,000 in the erection of suitable machinery, sinking the engine-shaft, and developing the mine. During the last two years of working upwards of £4000 was realised by the sales of lead and blende, all the heavy and expensive work has been done, and it is believed that a small additional outlay only is required to develop this and place it amongst the best of the Welsh Mines.

For further particulars, and to view the same, apply to EDWARD TERRY, Esq., Mining Engineer, Dudley; Capt. KITTO, Llanidloes; Messrs. BOURNE and OWEN, Solicitors, Dudley; JOSEPH NEDHAM, Esq., Solicitor, 1, New Inn, Strand, W.C.; and to the Auctioneer, Aberystwyth.

WORCESTERSHIRE.

IMPORTANT and VALUABLE FREEHOLD LANDED and MINERAL PROPERTY, known as

THE WASSLE GROVE ESTATE.

Situated in the parishes of HAGLEY and HALES OWEN; and COPYHOLD LANDS, in the township of LUTLEY, containing in the aggregate upwards of FIVE HUNDRED ACRES, with the excellent FAMILY RESIDENCE, known as

WASSLE GROVE.

With capital STABLING and BUILDINGS, FARM HOUSES, HOMESTEADS, and COTTAGES; also, FREEHOLD PROPERTIES, consisting of LAND and HOUSES, in the villages of HAGLEY and PEDMORE.

MESSRS. CHESHIRE and GIBSON have pleasure in announcing that they have received instructions from the Owners to SELL, BY AUCTION, on Thursday, the 7th of August next, at the Hen and Chickens Hotel, New-street, Birmingham, at Four or Five o'clock in the afternoon, and in lots which will be then set forth—the above IMPORTANT, EXTENSIVE, and VALUABLE LANDED PROPERTY.

The ESTATE lies nearly in a ring fence, and has a frontage to the Birmingham and Hagley turnpike road of upwards of three-quarters of a mile, and is bounded and intersected by roads leading therefrom to Careless Green and Stourbridge; is within one mile of Hagley, and about the same distance from Stourbridge.

The Estate is situated in a most important Mineral and Manufacturing District, and Mines of Coal and of Mr. Muesel's, and Rich Beds of Fire-clay exist under a large portion of and under the whole of the Estate.

Plans and particulars will be issued in due course; in the meantime further information may be obtained of Messrs. SHUM, CROSSMAN, and CROSSMAN, Solicitors, 3, King's road, Bedford-row, London; of Messrs. GREGORY, ROWLITTE, and Co., Solicitors, 1, Bedford-row, London; or of the Auctioneers, Messrs. CHESHIRE and GIBSON, Land Agents and Auctioneers, 93, New-street, Birmingham.

TO CAPITALISTS.

HIGHLY IMPORTANT FREEHOLD ESTATE, over NINE HUNDRED AND FIFTY ACRES in extent, situated in the parishes of TAMWORTH and POLESWORTH, in the county of WARWICK; with the VALUABLE MINES and MINERALS thereunder; and a small FREEHOLD ESTATE, at WILNECOTE in the same county. The WHOLE of the ESTATES extending to nearly ONE THOUSAND ACRES.

MESSRS. CHESHIRE and GIBSON have received instructions to prepare for SALE BY PUBLIC AUCTION, during the ensuing autumn, of which due notice will be given, all that very valuable and improving PROPERTY, known as

"THE HALL END ESTATE,"

comprising—

THE HALL END FARM, in the holding of Mr. John Lakin, containing 353 3 6
THE HOLT HALL FARM, in the occupation of Mr. Frederick Stokes, containing 279 6 12
THE HALL HILL FARM, in the holding of Mr. William Power, containing 152 0 4
THE MOORFIELDS FARM, in the occupation of the Executors of the late Mr. William Paul, containing 86 1 2
THE HOMESTEAD, SMITHY, BUILDINGS, and LAND, occupied by Mr. William Brown, containing 57 0 20
COTTAGES and ACCOMMODATION LANDS, let to various Tenants, containing 23 2 31
THE WILNECOTE ESTATE, let to Messrs. Arnold, Mr. S. Skeg, and others 34 2 39

THE HALL END ESTATE is situated on the Great Watling street Road, to which it has a very long frontage, about four miles from the market towns of Tamworth and Atherstone, and not far distant from the Wilneote Station on the Midland Railway. It also extends to, and is approached by the roads leading from Tamworth to Polesworth, to Baddeley, to Baxterley, and Kingsbury, and the Lands are continuous, and not severed by intervening owners.

HALL END HOUSE would make a very desirable residence, being in a picturesque neighbourhood, and surrounded by park-like lands, studded with ornamental timber, and the other homesteads are ample, well arranged, and in fair state of repair.

The lands generally are of excellent quality, and in a high state of cultivation, and the surface of the estate is undulating and of an interesting character.

The WHOLE of the MEASURES of COAL and IRONSTONE and other MINERALS under the Hall End Estate, which are estimated by competent practical men to be of very great and increasing value, will be included in the sale.

The mines may be considered as already proved by the Cockspar and other pits now in work on the northern side, by previous workings on the estate of Sir George Chetwynd, and by the Baxterley Coal Field on the south and east.

The Midland Railway Company are about to construct a branch line of railway from Kingsbury, on their Birmingham and Derby Line, to Baxterley. This line will pass through the Hall End Estate for nearly three-quarters of a mile, and will completely open up the district. The principal object of this line is to develop the coal fields in the line of country through which it passes.

There is every prospect of this property becoming in a short time an important and exceedingly valuable coal field, having direct access to the town of Birmingham by the Midland Railway, and the whole of the manufacturing districts of Staffordshire by the line of Railway about to be constructed from Whitacre to Walsall.

For further particulars, apply to HERBERT H. WALFORD, Esq., 27, Bolton street, Piccadilly, London; or Mr. HENRY LAKIN, Land Agent, Malvern; or of the Auctioneers, 93, New-street, Birmingham.

COAL.

TO BE SOLD, ONE-HALF or ONE-THIRD of a FREEHOLD COLLIERY, in an EXTENSIVE MANUFACTURING DISTRICT in PRUSSIA, surrounded by most valuable COAL PROPERTIES. Coal of the best quality. Situated within a quarter of a mile of a railway station. Extent, about one mile long on the seams, and a half mile wide. Eight seams of coal discovered by adit. Government plans of the workings and official report may be seen, and the proprietor conferred with.

Address, "Eschweiler," Mr. May, Advertising Agent, Graecenhurst-street, London, E.C.

THURSDAY NEXT.

HULL-IMPORTANT TO COLLIERY PROPRIETORS, METAL MERCHANTS, CONTRACTORS, AND OTHERS.

FOUR HUNDRED TONS FLAT BOTTOMED RAILS, to settle a dispute.

WHEATLEY KIRK AND PRICE are instructed to SELL, BY AUCTION, on Thursday, July 10, 1873, at Eleven for Twelve o'clock prompt, at the Kingston Dock, Hull, about FOUR HUNDRED TONS of UNUSED FLAT BOTTOMED RAILS, 65 lbs. per yard. They are free from imperfections, and were made by the Yorkshire Iron Company (Limited) last autumn, to specification, and under usual guarantee. The rails will be sold in 10 ton lots, or as may be found convenient. Part are lying in Kingston Dock, the remainder are in lighter.

Section and full particulars on application to the Auctioneers' Chief Offices, Albert square, Manchester; or Exchange-buildings, Birmingham.

The rails may be seen on application to Messrs. Thomas Wilson, Sons, and Co., Hull.

GLAMORGANSHIRE.

THE BRYNNA GWYNNON COLLIERIES AND IRON MINES, NEAR CARDIFF, SOUTH WALES.

MESSRS. NORTON, TRIST, WATNEY, AND CO. have received instructions TO OFFER FOR SALE, BY AUCTION, at the Mart, London, on Friday, July 15, at Two o'clock (unless previously disposed of by Private Contract), the very IMPORTANT and VALUABLE PROPERTY known as the BRYNNA GWYNNON COLLIERIES AND IRON MINES AND WORKS.

Comprising the COAL, IRONSTONE, and CLAY in and under an extent of 397 acres (or thereabouts), with the valuable BUILDINGS, COKE OVENS, MACHINERY, and works thereto belonging, at present turning out about 100 tons of coal a day, situated in the hamlet of Peterstone-super-Montein, in the parish of Coychurch, about 6 miles east of the town of Bridgend, and 14 miles west of the important port of Cardiff, and conveniently situated for the ports of Bristol Ferry, Port Talbot, and Swansea, Glamorganshire, South Wales.

The iron and coal mines in the present workings, at the Upper Brynna Works, comprise valuable veins of blackband iron ore, superior coking coal, and rich argillaceous iron ores, and the works include blast engine, boiler, and engine house, and blast furnace (nearly completed), with large steam-engine, water-wheels, with other suitable machinery and plant for working the mines.

Two reservoirs, water-courses, and suitable buildings, with convenient railways and sidings connecting the works with the South Wales Railway. A pair of shafts are also partly sunk to two seams of superior red ash coal on another part of the property called the Lower Brynna Works.

The South Wales Railway runs through or on the margin of the property for about 1½ mile, whereby the coal and other minerals may be expeditiously and easily conveyed to the various ports on the east and west sides of it for shipment or other purposes, including Cardiff, Swansea, &c., as well as to Paddington and all the towns of the Great Western and South Wales Railways, and all other towns on the narrow-gauge system.

The surface formation is favourable, with ample spoil room, and the proximity of Llantrisant hematite ore affords an opportunity of due admixture with the rich mines on the property, and of making any quantity of pig-iron at the most moderate cost. The property is held under a lease dated the 5th of March, 1847, for a term of 60 years, from the 26th of March, 1848, subject to a dead rent of £170 a year, and favourable royalties.

The property may be viewed, and particulars had of Messrs. DANIEL and COX, Solicitors, Bristol; Messrs. TATHAM, CURLEIGH, WALLS, and PYM, Solicitors, No. 3, Frederick's place, Old Jewry; the principal hotels in Cardiff, Swansea, Gloucester, and Birmingham; at the Mart; and of the Auctioneers, 62, Old Broad-street, London.

MESSRS. MASON, SONS, AND KNIGHT are instructed by Her Majesty's Secretary of State for War to include in their July List of Plant, &c., a LARGE QUANTITY of MACHINERY from the ROYAL ARSENAL, WOOLWICH. The list gratis on application.

Full particulars at the office, 18, New Bridge-street, London, E.C.

MESSRS. MASON, SONS, AND KNIGHT have now FOR DISPOSAL.

HEMATITE IRON MINE.
ANTHRACITE COAL PROPERTY.
SOUTH WALES COLLIERY—300 acres.
YORKSHIRE COAL FIELD.
FREEHOLD MINERAL ESTATE.
EXTENSIVE TIN MINE.

And PART SHARES in several similar concerns.—18, New Bridge-street, E.C.

PRELIMINARY NOTICE.

IMPORTANT FREEHOLD IRONWORKS,

BRIERLEY HILL, STAFFORDSHIRE.

TO BE SHORTLY OFFERED BY AUCTION, the BRIERLEY HILL and NINE LOCKS IRONWORKS, belonging to the New British Iron Company, and now in full work, situated on the Birmingham Canal, at the top of the Nine Locks, Brierley Hill, to which there is a very large frontage.

They consist of THREE POWERFUL ENGINES, FIVE ROLLING MILLS, and TWO FORGES, MANAGER'S HOUSE, OFFICES, &c., with a surface area of about 5½ acres.

It is intended to offer the land and erections in one or two lots, independently of the engines and machinery, which the purchaser will have the option of taking at a valuation.

The premises are well suited for a cable work, or any other large manufacturing purpose.

There is a good supply of coal in the immediate neighbourhood.

Particulars may be had of Messrs. FRESHFIELD, Solicitors, 5, Bank-buildings, London; Messrs. HOFFMAY and HOLBERTON, Solicitors, Brierley Hill; or Mr. JOHN BATEMAN, Auctioneer, Dudley.

CARDIGANSHIRE.—ON THE BORDERS OF NORTH WALES.

TO BE SOLD, BY AUCTION, at the Lion Hotel, Aberystwyth, on Wednesday, the 6th day of August next, the DESIRABLE RESIDENTIAL ESTATE of

Y N Y S H I R,

Comprising FIFTEEN HUNDRED ACRES of ARABLE, MEADOW, SALT MARSH, and WOOD LAND, lying in a ring fence, and capable of extensive improvement. It is divided into six adjoining farms, the whole being in the hands of very respectable tenants.

The property is situated twelve miles from the well-known watering-place of Aberystwyth, the Cambrian Railway from thence running through it, with a station about a mile distant from the mansion. The estuary of the Dovey bounds the property on one side for about a mile and half, and the River Elion runs through another portion for a considerable distance, both rivers affording first-rate fishing—salmon and trout. The estate is also well known for its varied and excellent shooting, both game and (especially) wild fowl. The hanging woods and coverts are highly picturesque, and all the charming features of mountainous and Welsh pastoral scenery are to be found in this attractive estate.

The property contains itself in particular to agriculturists, as sound land for corn and sheep, with its long reach of salt marsh, and first-class pasturage for grazing purposes, presenting a good investment for capital.

The FAMILY RESIDENCE is suitable and commodious, with stabling, out-offices, walled garden, and pretty shrubberies, the place being adorned with grand timber and other ornamental trees. The advowson and perpetual right of presentation to the Church of Eglwysfach will be included in the sale. The Church is within a short distance of the mansion, with English service, and has recently been thoroughly and beautifully restored.

The MINERAL PROSPECTS are very encouraging, but quite undeveloped, together with VALUABLE QUANTITIES of COAL, and the River Elion affords abundant water-power both for manufacturing and agricultural purposes.

Particulars, with plans of the above most desirable freehold estate, may be obtained of GEORGE FARMER, Esq., Montgomery; of the Auctioneer, Mr. G. T. SMITH; and of Mr. F. R. ROBERTS, Solicitor, both of Aberystwyth, South Wales.

A personal inspection of the property is recommended.

Address, "Q. E. D.," care of Mr. Watson, 15, Fenwick-street, Liverpool.

IMPORTANT IRON AND COAL PROPERTIES.

FOR SALE, BY PRIVATE CONTRACT, a LARGE MINERAL ESTATE (equal to freehold) in the LOUGH ALLEN DISTRICT, IRELAND, comprising more than ONE THOUSAND ACRES, with EXTENSIVE BEDS of IRON (Ball and Band, of superior quality); together with FURNACES, STEAM-ENGINE, PLANT, &c. The turf peat on the property is exceptionally good, and almost unlimited in quantity. Also, LEASEHOLD COLLIERIES, a few miles distant. Part of purchase-money may be left on mortgage, or as paid-up capital.

Apply to Mr. N. C. JELICO, 23, Tower-buildings West, Water street, Liverpool.

TWELVE-INCH HORIZONTAL WINDING ENGINE, with 6 ft. drum; a first class engine, ready—cheap.

THOMPSON'S PATENT ROAD STEAMER, with two 5½ in. cylinders, copper fire-box, India-rubber tyres, only worked six months, all latest improvements—cheap.

BOILERS: One 28 ft. by 7 ft., double flued; two 31 ft. by 6 ft., single flued—all now working at 5½ lbs., recently tested to 100 lbs. pressure. Being replaced with others to work very high pressure.

LATHES, DRILLS, ENGINES, and all sorts ENGINEERING TOOLS ready for delivery.

WHEATLEY KIRK AND PRICE,

ALBERT SQUARE, MANCHESTER.

HORIZONTAL ENGINES, of most approved construction, from 8 to 60 in. cylinder, for WINDING and GENERAL PURPOSES.

Some good secondhand HORIZONTAL ENGINES ON SALE, single and in pairs, from 14 inches to 20 inches cylinders, suitable for winding, &c. GOOD BOILERS of all sizes.

CREASE and CO., 39, CONGREVE STREET, BIRMINGHAM.

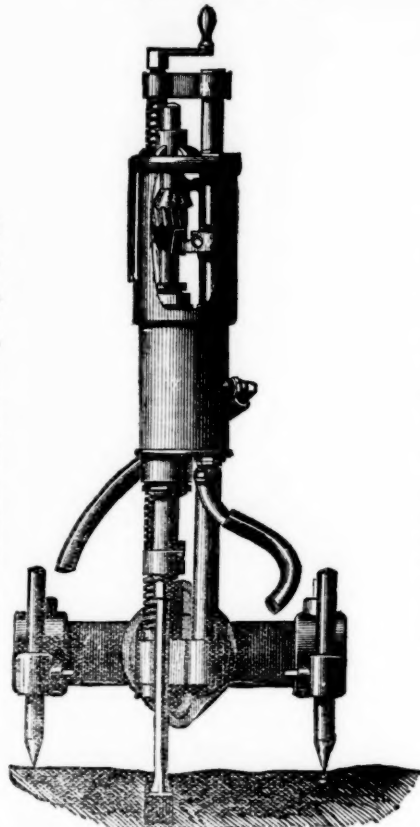


McKEAN'S ROCK DRILL,

FOR MINES, TUNNELS, QUARRIES, AND SUBMARINE WORK
500 TO 1000 STROKES PER MINUTE

(counted by mechanism).

PENETRATES GRANITE 6 TO 12 INCHES PER MINUTE.
MACHINES WARRANTED.



For full description, &c., see "ENGINEERING" of July 26, 1872,
and "MINING JOURNAL" of July 27, 1872.

One of McKEAN'S ROCK DRILLS may be seen working in Aberdeen granite from one to
four o'clock daily at 42, Borough-road, S.E., London.

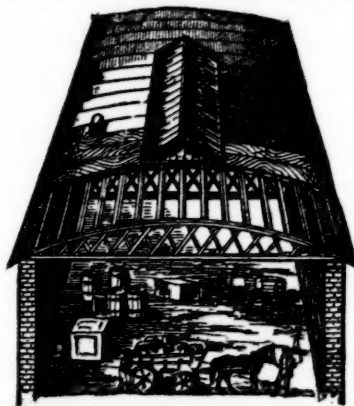
These machines are manufactured for McKean and Co. by
MESSRS. P. AND W. MACLELLAN, "CLUTHA IRONWORKS,"
GLASGOW;
MESSRS. VARRALL, ELWELL, AND MIDDLETON, AND MESSRS.
SAUTTER, LEMONNIER, AND CO., PARIS;
AND E. REMINGTON AND SONS, NEW YORK.

PORTABLE BOILERS, AIR COMPRESSORS, and BORING
STEEL furnished at lowest rates.

McKEAN AND CO.,

ENGINEERS,
42, BOROUGH ROAD, S.E., LONDON,
AND 5, RUE SCRIBE, PARIS.
Circulars sent free.

M'TEAR AND CO.'S CIRCULAR ROOFING FELT



FOR
GREAT ECONOMY
AND
CLEAR WIDE SPACE.
For particulars, estimates,
and plans, address,—
M'TEAR & CO.,
6, BUDGE ROW, CANNON
STREET, LONDON;
54, PORTLAND STREET,
MANCHESTER;
OR
CORPORATION STREET,
BELFAST.

The above drawing shows the construction of this cheap and handsome roof, now
much used for covering factories, stores, sheds farm buildings, &c., the principal
of which are double bow and string girders of best pine timber, sheathed with 1/2 in.
boards, supported on the girders by purlins running longitudinally, the whole
being covered with patent waterproof roofing felt. These roofs so combine light-
ness with strength that they can be constructed up to 100 ft. span without centre
supports, thus not only affording a clear wide space, but effecting a great saving
both in the cost of roof and uprights.
They can be made with or without top-lights, ventilators, &c. Felt roofs of any
description executed in accordance with plans. Prices for plain roofs from 30s. to
50s. per square, according to span, size, and situation.
Manufacturers of PATENT FELLED SHEATHING, for covering ships' bot-
toms under copper or zinc.
INODOROUS FELT for lining damp walls and under floor cloths.
DRY HAIR FELT, for deadening sound and for covering steam pipes, thereby
saving 25 per cent. in fuel by preventing the radiation of heat.
PATENT ASPHALTE ROOFING FELT, price 1d. per square foot.
Wholesale buyers and exporters allowed liberal discounts.
PATENT ROOFING VARNISH, in boxes from 3 gallons to any quantity re-
quired 8d. per gallon.

LOSS OF LIFE OR LIMB, WITH THE CONSEQUENT LOSS OF TIME AND MONEY, CAUSED BY ACCIDENTS OF ALL KINDS, PROVIDED FOR BY A POLICY OF THE RAILWAY PASSENGERS' ASSURANCE COMPANY.

An annual payment of £3 to £5 5s. insures £1000 at death, or an allowance at the
rate of £5 per week for injury.
£725,000 have been paid as compensation—
One out of every twelve Annual Policy Holders becoming a claimant each year.
For particulars, apply to the Clerks at the Railway Stations, to the Local Agents
or at the Offices,
64, CORNHILL, and 10, REGENT STREET, LONDON.
WILLIAM J. VIAN, Secretary

THE IRON AND COAL TRADES' REVIEW:

ROYAL EXCHANGE, MIDDLESBOROUGH.
THE IRON AND COAL TRADES' REVIEW is extensively circulated amongst the Iron
Producers, Manufacturers, and Consumers, Coalowners, &c., in all the iron and
coal districts. It is, therefore, one of the leading organs for advertising every de-
scription of Iron Manufacture, Machinery, New Inventions, and all matters re-
lating to the Iron, Coal, Hardware, Engineering, and Metal Trades in general.
Offices of the Review: Middlesborough-on-Tees (Royal Exchange); London
11 and 12, Red Lion-court, Fleet-street; Newcastle-on-Tyne (40, Grey-street)

BICKFORD'S PATENT FOR CONVEYING CHARGE IN

Obtained the PRIZE MEDALS at the "ROYAL EXHIBITION" of 1851; at
the "INTERNATIONAL EXHIBITION" of 1862, in London; at the "IMPERIAL
EXPOSITION," held in Paris, in 1855; at the "INTERNATIONAL EXHIBI-
TION," in Dublin, 1855; at the "UNIVERSAL EXPOSITION," in Paris, 1867
and at the "GREAT INDUSTRIAL EXHIBITION," at Atlanta, in 1869.



BICKFORD, SMITH, AND CO.,
OF TUCKINGMILL, CORNWALL, MANUFACTURERS
OF SAFETY-FUSE, having been informed that the name of
their firm has been attached to fuse not of their manufac-
ture, beg to call the attention of the trade and public to
the following announcement:—
EVERY COIL OF FUSE MANUFACTURED by them has TWO SEPARATE
THREADS PASSING THROUGH THE COLUMN OF GUNPOWDER, and BICK-
FORD, SMITH, AND CO. CLAIM TWO SUCH SEPARATE THREADS as
THEIR TRADE MARK.

For Excellence
and Practical Success
of Engines



Represented by
Model exhibited by
this Firm.

HARVEY AND CO.,
ENGINEERS AND GENERAL MERCHANTS,
HAYLE, CORNWALL,
HAYLE FOUNDRY WHARF, NINE ELMS, LONDON,
AND 115, GRESHAM HOUSE, E.C.
MANUFACTURERS OF

PUMPING and other LAND ENGINES and MARINE STEAM ENGINES
the largest kind in use, SUGAR MACHINERY, MILLWORK, MINING
MACHINERY, and MACHINERY IN GENERAL.
SHIPBUILDERS IN WOOD AND IRON.

SECONDHAND MINING MACHINERY FOR SALE,
IN FIRST-RATE CONDITION, AT MODERATE PRICES.
PUMPING ENGINES; WINDING ENGINES; STAMPING ENGINES
STEAM CAPSTANS; and CRUSHERS of various sizes. BOILERS, PIT
WORK of all descriptions, and all kinds of MATERIALS required for
MINING PURPOSES.

THE PATENT PNEUMATIC STAMPS
May be SEEN AT WORK at HAYLE FOUNDRY WHARF, NINE ELMS,
by previous application at either of the above addresses.

**CAPTAIN TREGAY'S
IMPROVED PATENT
STAMP COFFER,**

FOR STAMPING GOLD QUARTZ, TIN, AND OTHER ORES.
The gateway is extended, discharge loudly increased, and power economised.
May be inspected in full work, on application to Captain TREGAY, Redruth,
Cornwall, who is PREPARED TO TREAT for GRANTING LICENSES for its use,
or to SUPPLY the MACHINES.

JOHN AND EDWIN WRIGHT,
PATENTERS.
(ESTABLISHED 1770.)
MANUFACTURERS OF EVERY DESCRIPTION OF
IMPROVED

PATENT FLAT AND ROUND WIRE ROPES
from the very best quality of charcoal iron and steel wire.

PATENT FLAT AND ROUND HEMP ROPES,
SHIPS' RIGGING, SIGNAL AND FENCING STRAND, LIGHTNING CON-
DUCTORS, STEAM PLOUGH ROPES (made from Webster and Horsfall's
patent steel wire), HEMP, FLAX, ENGINE YARN, COTTON WASTE
TARPAULING, OIL SHEETS, BRATTICE CLOTHS, &c.

UNIVERSE WORKS, MILLWALL, POPLAR, LONDON.
UNIVERSE WORKS, GARRISON STREET, BIRMINGHAM.
CITY OFFICE, No. 5, LEADENHALL STREET, LONDON, E.

**MINES REGULATION ACT.
STEMMERS, PRICKERS, CHARGERS, AND
SCRAPERS,**

Which have been tried and found to answer the purpose, are
MANUFACTURED BY

JAMES WHITFIELD,
OXFORD STREET, BIRMINGHAM.

BENNETTS' SAFETY FUSE WORKS,
ROSKEAR, CAMBORNE, CORNWALL.

**BLASTING FUSE FOR MINING AND ENGINEERING
PURPOSES,**
Suitable for wet or dry ground, and effective in Tropical or Polar Climates.

W. BENNETTS, having had many years' experience as chief engineer with
Messrs. Bickford, Smith, and Co., is now enabled to offer Fuse of every variety of
his own manufacture, of best quality, and at moderate prices.
Price Lists and Sample Cards may be had on application at the above address.
LONDON OFFICE,—H. HUGHES, Esq., 85, GRACECHURCH STREET.

BICKFORD, VENNING, AND CO.,
MANUFACTURERS OF THE
**IMPROVED SAFETY WATERPROOF BLASTING
CARTRIDGES.**

Specially adapted to the requirements of the Mines Regulation Act.
These cartridges are extensively used in Coal and Metalliferous Mines, Railway
Tunnelling, Quarries, and for Submarine Blasting, both at home and abroad. They
combine great explosive power with a saving of time, and almost absolute immu-
nity from the danger to the operative incident to the use of loose powder.
Prices, and all other information, may be obtained at the offices,—
TUCKINGMILL, CAMBORNE, CORNWALL; or at
ADELPHI BANK CHAMBERS SOUTH JOHN STREET, LIVERPOOL.

**GIRDWOOD'S
PATENT RECIPROCATING CRUSHER**
Is the SIMPLEST and BEST PULVERISER in existence. It will do BETTER
WORK, and MORE OF IT, on same power than any other yet invented.
Apply for terms to GEORGE GREEN, Aberystwith; or to the patentee,
ROBERT GIRDWOOD, Edinburgh.
MAY BE SEEN AT WORK AT GREAT DARRENMINE, NEAR
ABERYSTWITH.

WILTON'S MATHEMATICAL INSTRUMENT ESTABLISHMENT,
REMOVED from St. Day to A. JEFFERY'S, CAMBORNE.

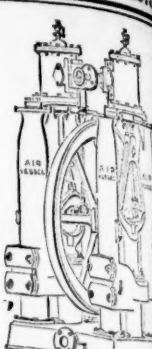
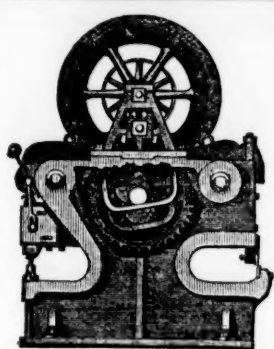
W. H. WILTON begs to thank his friends for their liberal support for so many
years, and informs them that (having opened business at Valparaiso) he has now
declined business in England in favour solely of Mr. A. JEFFERY, MATHEMA-
TICAL INSTRUMENT MAKER, CAMBORNE, whom he considers (having been
an assistant to his father for several years) is in every way capable of creditably
maintaining the good name universally awarded to Wilton's instruments.

A. JEFFERY
Respectfully begs to inform Mine Managers, Surveyors, Engineers, &c., that
having purchased Mr. Wilton's business, and the very valuable acquisitions and
appliances belonging thereto, he has enlarged his Mathematical Instrument Ma-
nufacture, and is prepared to supply THEODOLITES, DIALS, POCKET DIALS,
LEVELS, TRAVERSING and PLAIN PROTRACTORS, CASES OF DRAWING INSTRU-
MENTS, MEASURING CHAINS and TAPES, ASSAYING SCALES and WEIGHTS, EN-
GINE COUNTERS, and, in short, every description of Instruments used in SURVEY-
ING, MEASURING, MAPPING, &c.
Repairing in all its branches promptly attended to.

THE DON LUBRICATING OIL
IS 40 PER CENT. CHEAPER THAN ORDINARY KINDS,
AND QUITE AS GOOD AND DURABLE.

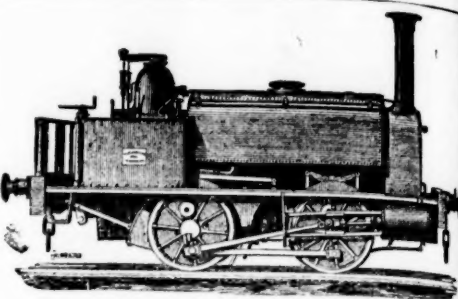
It is absolutely free from the very common defect of gumming.
Mr. HEWLETT, of the Wigan Coal and Iron Company, says:—"I have used it for
two years, and find it to be an exceedingly well for lubricating purposes."
Trials may be made at our risk.

AGENTS WANTED AT HOME AND ABROAD.
DUNCAN BROTHERS,
2, BLOMFIELD STREET, LONDON, E.C.



JOHN CAMERON,

MAKER OF
STEAM PUMPS, PORTABLE ENGINES, PLATE BENDING ROLLERS,
BAR AND ANGLE IRON SHEARS, PUNCHING AND SHEARING
MACHINES, PATENTEE OF THE DOUBLE CAM LEVER
PUNCHING MACHINE, BAR SHEARS, AND RAIL
PUNCHING MACHINES,
EGERTON STREET IRON WORKS
HULME, MANCHESTER.



TANK LOCOMOTIVES,
FOR SALE OR HIRE.
HENRY HUGHES AND CO.
LOUGHBOROUGH.



THOMAS TURTON AND SONS
MANUFACTURERS OF
CAST STEEL FOR PUNCHES, TAPS, AND
TURNING TOOLS, CHISELS, &c.
CAST STEEL PISTON RODS, CRANK PINS,
CONNECTING RODS, STRAIGHT AND CRANK
AXLES, SHAFTS and
FORGINGS OF EVERY DESCRIPTION.
DOUBLESHEAR STEEL, T. TURTON
BLISTER STEEL, HIGH TENSILE
SPRING STEEL, WM. GRAY'S
GERMAN STEEL,
Locomotive Engines, Railway Carriage and Wagon
Springs and Buffers.
SHEAF WORKS AND SPRING WORKS, SHEFFIELD.
LONDON WAREHOUSE, 35, QUEEN STREET, CANNON STREET, CITY.
Where the largest stock of steel, files, tools, &c., may be selected from.

FOR MINING COMPANIES.

GOLD GETTING MACHINERY.
WALKER'S CELEBRATED STAMPS FOR CRUSHING
QUARTZ, TIN, &c.; AMALGAMATORS, RETORTS, QUICKLIME
Also, his Rotating Wool Press, and all other Machines for the Colonies.
12, JAMES STREET OLD STREET, E.C.

ORE-DRESSING MACHINERY.

SEPARATION TROMMELS, JIGGING MACHINES, —Continuous and
matic. CLASSIFIERS, SHAKING TABLES, BUDDLES, PERFORA-
PLATES, —For Trommels, Jigging Sieves, and Stamp Grates. SAGGE'S
DRILL, —As used at Altenberg, Comorn, Saarbrück, and Muesen.
For particulars, apply to—
MESSRS. KEMBER AND CO.
CLARENDON GROVE, DRUMMOND STREET, N.W., LONDON.

RAILWAY CARRIAGE COMPANY (LIMITED)

ESTABLISHED 1847.
OLDBURY WORKS, NEAR BIRMINGHAM.
MANUFACTURERS OF RAILWAY CARRIAGES AND WAGONS, and
DESCRIPTION OF IRONWORK.
Passenger carriages and wagons built, either for cash or for payment
over a period of years.
RAILWAY WAGONS FOR HIRE.
CHIEF OFFICES,—OLDBURY WORKS, NEAR BIRMINGHAM.
LONDON OFFICES,—7, GREAT WINCHESTER STREET BUILDING.

THE BIRMINGHAM WAGON COMPANY (LIMITED)
MANUFACTURE RAILWAY WAGONS OF EVERY DESCRIPTION.
HIRE and SALE, by immediate or deferred payments. They have also
for hire capable of carrying 6, 8, and 10 tons, part of which are constructed
ally for shipping purposes. Wagons in working order maintained by contract.
EDMUND POWELL,
WAGON WORKS,—SMETHWICK, BIRMINGHAM.
* * Loans received on Debenture; particulars on application.

THE JOURNAL OF THE IRON AND STEEL INSTITUTE
containing Proceedings of the Institute; Original Communications
upon matters connected with the Iron and Steel Trades; Reports on the
of the Iron and Steel Industries in Foreign Parts, by the Foreign Secretary
DAVID FORBES, F.R.S.; Notes on the British Iron and Steel Trades; and
Information, &c., &c.
Can be obtained from the Publishers, Messrs. E. and F. N. Spon, Chancery
London. Price 5s. each number.
Nine numbers have been issued, and all, except No. 1. (1871), which is
print, can be supplied. The next number of the Journal will be published
short time. JNO. JONES, General Secretary.
Royal Exchange, Middlesborough, May 22, 1873.

Just published (price 5s., by post 5s. 6d.).
THE MULTUM-IN-PAVO
ILLUSTRATED LIST OF
HEAVY IRON AND STEEL TRADE
RAILWAY PLANT, TOOLS, &c.

Containing Engravings of Railway Plant; Engineers', Iron Shipbuilders',
tractors', Plate-layers', Colliery and Mining Tools, &c., &c.
Purchasers may have their own title-pages inserted without additional
by taking fifty copies.
Compiled and published solely by—
EDWARD BROOKES
(Of the late firm of Brookes Brothers).
IRONFOUNDER, ENGINEER, MACHINIST, AND TOOL MAKER
HIGH STREET, SHEFFIELD.

THE LIVERPOOL COLLEGE OF CHEMISTS

96, DUKE STREET, LIVERPOOL.
Specially devoted to the Study of CHEMISTRY, TECHNOLOGY, and ANALYTICAL
Laboratories open throughout the year.

MARTIN MURPHY, F.C.S., &c., Principal
(Successor to the late Dr. SHERRIDAN MURPHY).

A Special Laboratory is devoted to Commercial Analyses of every description
and to Mineral Assays.
Manufacturers' and Smelters' Analyses and Assays undertaken on contract.
Patentees and Inventors advised and assisted; Works and Mines inspected
erection of Manufacturers' Plant supervised, &c.
TERMS and FEES VERY MODERATE.
Further particulars and full prospectus on application to—
The Principal,
MARTIN MURPHY, F.C.S., &c.

ROYAL AGRICULTURAL SOCIETY OF ENGLAND.

CARDIFF MEETING, 1872.

CLAYTON AND SHUTTLEWORTH

Have much pleasure in announcing the following List of Prizes awarded them at this Show:—

"For the Best Portable Steam Engine"	THE FIRST PRIZE OF £40.
"For the Best Combined Portable Threshing Machine"	THE FIRST PRIZE OF £40.
"For the Best Combined Portable Threshing and Finishing Machine" ..	HIGH COMMENDATION.
"For the Best Straw and Hay Elevator (Stacking Machine)"	THE FIRST PRIZE OF £10.
"For the Best Straw Elevator"	THE PRIZE OF £5.
"For Patent Self-Feeding Apparatus for Threshing Machines"	SILVER MEDAL.

CLAYTON AND SHUTTLEWORTH have received FIRST PRIZES AT EVERY TRIAL OF THE ROYAL AGRICULTURAL SOCIETY at which they have competed since 1849; and on three occasions in succession—namely, at Bury St. Edmunds in 1867, at Oxford in 1870, and at Cardiff, as above, they have been awarded all the First Prizes offered for Steam Engines.

MOSCOW GREAT EXHIBITION, 1872, TWO GOLD MEDALS, viz.:—
PORTABLE STEAM ENGINE.—"For Simplicity of Construction."—GRAND GOLD MEDAL.
FOR COMBINED THRASHING MACHINES.—GRAND GOLD MEDAL.

Revised Catalogues free, by post, on application to—

CLAYTON AND SHUTTLEWORTH, LINCOLN.

78, LOMBARD STREET, LONDON, AND 35 AND 37, TARLETON STREET, LIVERPOOL.

BOLTS AND NUTS. BOLTS AND NUTS.

MADE BY PATENT MACHINERY.

Suitable for Engineers, Millwrights, Coach and Wagon Builders, Colliery, and other Purposes.

AN EXTENSIVE ASSORTMENT OF OVER 200 TONS ALWAYS IN STOCK.

From which orders can be promptly executed. Every description of Bolts and Nuts made to order.

BAR IRON. BAR IRON.

OVER 1000 TONS OF BARS, PLATES, SHEETS, ANGLES, HOOPS, SQUARES, ROUNDS, AND FLATS.
All of First-class Quality.

RAILWAY, COLLIERY, AND TRAM RAILS, TO ANY SECTION.

A large Stock of Anvils, Vices, Tue Irons, Smiths' Bellows, Files, Rasps, Picks, Spades and Shovels, Sledge and Hand Hammers, Best Swedish Horse Nails, Back Bands, Plough Traces, Best Spring, Cast, Double Shear, and Blister Steel.

JOHN STANSFELD (late Stansfeld and Sons), Iron Merchants, Bolt and Nut Manufacturers,

ALFRED STREET BOAR LANE, LEEDS.

ARTESIAN BORINGS,

For WATER SUPPLY to TOWNS, LAND IRRIGATION, and MINERAL EXPLORATIONS may be executed of any diameter, from 6 in. to 36 in., and to any depth to 2000 ft., by the

PATENT STEAM EARTH-BORING MACHINE OF
MATHER AND PLATT,

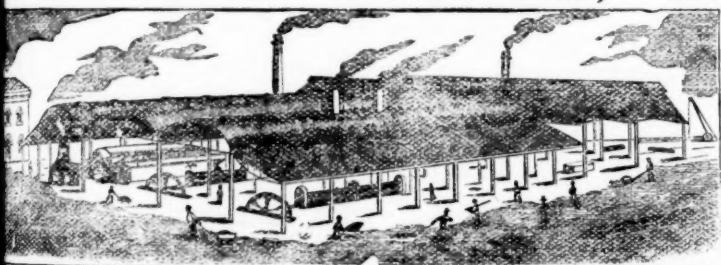
MAKERS OF LARGE PUMPS AND PUMPING ENGINES,

Improved Valves and Taps for Water, Steam, Gas, &c. Pistons and Air-pump Buckets fitted with Patent Elastic Metallic Packing,
Of which 6967 have been made to March, 1873.

ENGINEERS and MACHINE MAKERS to CALICO PRINTERS, BLEACHERS, DYERS, and FINISHERS.

SALFORD IRONWORKS. MANCHESTER.

PRICES AND PARTICULARS ON APPLICATION.

ISAAC DIXON,
HATTON GARDEN, LIVERPOOL,

MANUFACTURER OF
CORRUGATED CURVED SELF-SUPPORTING IRON ROOFS,
Galvanised or painted (the most economical form of roof up to 45 ft. span); also
WROUGHT-IRON FRAMED ROOFS,
Of every description, suitable for wide spans.
These roofs are specially adapted for Forges, Rolling Mills, and general Roofing for Ironworks, Shipbuilding Yards, Mines, Collieries, Railways, &c.
For Roofs with Timber Framing, I. D.'s Galvanised or Painted Corrugated Slates or Sheets form a durable and cheap covering, costing only about the same, when fixed complete, as Felt and Boards.
Iron Cottages, Stores, Offices, and Buildings of any size or design. Wrought-iron Tanks.
DRAWINGS AND ESTIMATES ON APPLICATION.

THOMAS WARDEN & SON,
LIONEL STREET, BIRMINGHAM,
IRON AND STEEL MERCHANTS,Manufacturer of Every Description of Railway, Colliery, and Contractors Plant
A LARGE STOCK OF SECOND HAND RAILS AND PLANT ALWAYS ON HAND.

LYNN, GALBRAITH, MANN, AND CO.,

VALE OF CLYDE ENGINEERING WORKS, IRVINE,

TENDER FOR ALL KINDS OF

MARINE AND LAND ENGINES, MILLWRIGHT WORK, ENGINEERS' AND SHIPBUILDERS' TOOLS, HYDRAULIC, SUGAR, AND MINING MACHINERY, BOILERS, BRIDGES, ROOFS, RAILWAY AND CONTRACTORS' PLANT, &c.

Drawings, Plans, and Specifications prepared for New Works and Buildings, and Special Machinery designed for Chemical, Copper, Lead, and Oil Works.

Established 1844.

WHITLEY PARTNERS,
RAILWAY WORKS, LEEDS,

ENGINEERS, FOUNDERS, AND LICENSEES,

MANUFACTURERS OF

IMPROVED STEAM ENGINES, BOILERS, PUMPS, &c.

MAKERS, by Special Machinery, of Patented MECHANICAL INVENTIONS,

Comprising numerous Labour-saving Appliances and Economisers

of Fuel and Motive Power.

CONTRACTORS TO THE EUROPEAN AND COLONIAL GOVERNMENTS

AND CORPORATIONS.

MERCHANTS and SHIPPERS of MACHINERY, METALS, & HARDWARE.

AWARDED

THE FIRST PRIZE MEDAL AT THE EXPOSITION UNIVERSELLE, PARIS, 1867, "For Improved Construction, Excellence of Material, and Superior Workmanship."

TWO GRAND GOLD MEDALS AT THE MOSCOW INTERNATIONAL EXHIBITION, 1872.

Also, THE FIRST PRIZE MEDALS AT LEEDS AND LYONS IN 1858, 1868, AND 1872.

REDUCTION IN PRICE OF PEET'S VALVES,
Consequent upon largely-increased Sales.

ILLUSTRATED CATALOGUES AND ESTIMATES ON APPLICATION.

Correspondence conducted in English, German, or French.

Samples of Specialties may be inspected at Stand No. 542, Group XIII., in the English Machinery Annex of the Vienna Exhibition, 1873. For list of same see German Official and "British Section" Catalogues.

JOHN BOURNE AND CO.,

ENGINEERS, SHIPBUILDERS, AND CONTRACTORS,

60, MARK LANE, LONDON.

COMPOUND WINDING ENGINES,

Inexpensive, easily handled, and very economical in fuel.

COMPOUND ENGINES FOR ROLLING MILLS,

Without gearing and fly-wheel, and wholly exempt from break downs.

Pumping Engines, Blowing Engines, Steam Boilers, Hydraulic Machinery, Coal

Washing Machines, Shearing Machines, Cranes, and all kinds of Apparatus

required in Collieries and Ironworks.

McNIEL, MULLER, AND CO.,

39, MARKET STREET,

MANCHESTER,

SOLE AGENTS FOR "S. B. HEMATITE," "S. B. YORKSHIRE," "CLAY LANE," "CLAY CROSS," PIG IRON

AGENTS FOR JACKSON, GILL, AND CO., IMPERIAL

IRONWORKS, NEAR MIDDLESBOROUGH;

DARLINGTON WAGON COMPANY, DARLINGTON.

SCOTCH, HEMATITE, STAFFORDSHIRE, DERBYSHIRE, FOREST OF

DEAN, COLD BLAST AND REFINED PIG IRON, PUDDLED BARS AND

BAR IRON, STEEL, SPELTER, TIN, COPPER, LEAD, SHEETS, ORES,

BOLTS, NUTS, SPIKES, MANUFACTURED IRON, &c., &c.

THE NEWCASTLE DAILY CHRONICLE,

(ESTABLISHED 1764.)

THE DAILY CHRONICLE AND NORTHERN COUNTIES ADVERTISER

Office, Westgate-road, Newcastle-upon-Tyne; 80, Howard-street, North Shields; 149, High-street, Sunderland.

FOR 1873.

POST FREE, TWO SHILLINGS, IN STAMPS,

BAILEY'S

ILLUSTRATED INVENTIONS,

(Sixteenth edition), 25th thousand, 1000 engravings, 150 pages, weight 10 ounces, illuminated covers. Published at a great cost by

J. BAILEY AND CO.,

INVENTORS, PATENTEES,

BRASSFOUNDERS,

AND MANUFACTURERS OF

Engineers' & Contractors' Sundries,

AND USEFUL INVENTIONS

For Cotton Spinners, Railway Companies, Engineers, Colliery Proprietors, and nearly every description of Employers of Labour, County Gentlemen, &c., &c.;

ALSO OF EVERY DESCRIPTION OF

ENGINE AND BOILER FITTINGS,

PYROMETER INVENTORS AND PATENTEES;

ELECTRIC TELEGRAPH ENGINEERS

AND

TURRET CLOCK MAKERS;

Makers of the celebrated

AUTOMATIC CLOCKS,

For indicating the pressure of steam day and night, rise and fall of the tide, &c.

Winding Indicators, Signal Bells, &c., &c.

DEPARTMENTS:

I.—BRASS FOUNDRY & STEAM FITTING DEPARTMENT.

II.—ENGINEERS' SUNDRIES DEPARTMENT.

III.—SMALL MACHINE, PUMP, AND FIRE ENGINE, &c., &c. DEPARTMENT.

IV.—CLOCK DEPARTMENT.

V.—ELECTRIC TELEGRAPH DEPARTMENT.

All profusely illustrated, described, and priced.

J. BAILEY AND CO.,

ALBION WORKS,

SALFORD,

MANCHESTER.

The above is sent free to Working Men's Clubs, Mechanics' Institutions, or Improvement Societies.

BAILEY'S SPECIALITIES FOR 1873.

BOILER FEEDING.

THE GRINDROD

BOILER FEEDER,

Which keeps the water at one definite height day and night.

MUCH IN USE IN THIS DISTRICT.

THE

STILWELL WATER HEATER

AND

LIME EXTRACTOR.

THE HALLAM

GIFFARD INJECTOR.

These are all high-class inventions, and are with confidence recommended.

CIRCULARS ON A LOCATION.

THE MINING SHARE LIST.

BRITISH DIVIDEND MINES.

Shares.	Mines.	Paid.	Last Pr.	Clos. Pr.	Total divs.	Per share.	Last paid
1500	Alderley Edge, c, Cheshire*	10 0 0	—	—	11 11 8	0 5 0	Apr. 1873
20000	Ally-Crib, t, Talybont*	2 0 0	—	1 1/2 1/2	0 8 0	0 3 6	Feb. 1873
30000	Bamptfield Copper Mining Co.*	1 0 0	—	—	0 10 0	—	June 1873
5800	Bluen Caetan, s, Cardigan*	3 10 0	—	2 1/2 2 1/2	0 5 0	0 2 0	Oct. 1871
18000	Roscafell Down, t, c, St. Just*	3 0 0	—	—	619 15 0	5 0 0	Aug. 1872
200	Botallack, t, c, St. Just*	91 5 0	—	—	110 0 0	2 0 0	Jan. 1872
500	Brooklyn, s, Cardigan*	100 0 0	—	—	2 8 0	0 4 0	Mar. 1873
4000	Brookwood, c, Buckfastleigh	4 15 11	—	2 1/2	4 16 3	0 12 6	Oct. 1872
3345	Cargill, s, Newlyn	2 0 0	—	—	1 4 0	0 4 0	Aug. 1872
6400	Cashwell, c, Cumberland*	2 0 0	—	—	0 8 0	0 2 0	Jan. 1873
7500	Carran-Dinas, t, St. Columb*	2 0 0	—	—	304 8 0	3 0 0	Apr. 1873
1000	Carn Brea, c, t, Illogan*	35 0 0	—	12 1/2	0 0 0	0 0 0	June 1873
6000	Cath. & Jane, t, Penrhynendraith	5 0 0	—	21	11 17 0	0 7 6	Jan. 1873
2450	Cook's Kitchen, t, Illogan*	19 14 9	—	4 2 3	116 10 0	0 12 0	May 1872
10240	Devon Gr. Consols, c, Tavistock*	10 14 10	—	59	102 6 8	0 0 0	May 1873
4296	Dolcoath, c, t, Camborne	1 0 0	—	1 1/2 1/2	0 1 8	0 0 0	May 1873
10000	East Baileyside, c, St. Cleer*	2 14 6	—	2	14 19 0	0 2 0	Oct. 1872
6144	East Caradon, c, St. Cleer*	32 0 0	—	—	213 10 0	1 0 0	Apr. 1873
800	East Durren, t, Cardiganshire	0 9 9	—	10 1/2	13 11 3	0 2 0	Jan. 1873
4400	East Pool, t, c, Illogan*	10 0 0	—	—	0 1 0	0 1 0	May 1873
23520	El Dorado, c, Nova Scotia*	0 7 0	—	—	80 15 0	0 10 0	Sept. 1872
5000	Exmouth, s, t, Clristow	25 0 0	—	—	0 13 0	0 5 0	May 1872
2800	Foxdale, t, Isle of Man*	3 10 6	—	2 1 1/2	0 3 10	0 3 0	Jan. 1873
3950	Gawton, c, Tavistock	15 10 0	—	—	16 1 0	0 10 0	June 1873
40000	Glasgow Carr, t, Isle of Man*	4 0 0	—	17 1/2 17 1/2	15 19 6	0 2 6	June 1872
15000	Great Wheal Vor, t, c, Helston*	40 0 0	—	5 1/2 5 1/2	0 16 0	0 2 6	June 1872
6400	Green Hurth, t, Cumberland*	0 8 0	—	—	62 5 0	0 15 0	Oct. 1872
1024	Herodfoot, t, near Liskeard*	8 10 0	—	5 1/2	0 3 0	0 5 0	Dec. 1872
6000	Hingston Downs, c, St. Austell*	6 4 0	—	—	0 3 11 1/2	0 6 0	Mar. 1873
25000	Killalee, t, Tipperary	1 0 0	—	—	0 2 0	0 2 0	Jan. 1873
6000	Killfret, t, Chacewater	18 15 0	—	—	556 10 0	1 0 0	Mar. 1873
400	Lisburne, t, Cardiganshire	3 0 0	—	12	0 12 0	0 4 0	Apr. 1873
2784	Lovell, t, Wendron	4 10 6	—	2 1 1/2	0 13 0	0 2 6	July 1872
9000	Marke Valley, c, Cardigan*	5 0 0	—	—	62 13 0	0 10 0	July 1872
9000	Minera Mining Co., t, Wrexham*	7 0 0	—	5 1/2 5 1/2	0 15 0	0 4 0	July 1872
20000	Mining Co. of Ireland, d, c, t*	5 0 0	—	—	0 5 0	0 2 6	June 1872
6400	New Pembroke, t, c, Par Station	2 10 0	—	—	4 13 0	0 12 0	Sept. 1872
12000	North Hendre, t, Wales	10 12 0	—	9 10	0 5 0	0 3 0	Nov. 1871
2000	North Levant, t, c, St. Just	3 0 0	—	—	2 18 0	0 3 0	May 1873
5694	Pedn-an-drea, t, Redruth	3 0 0	—	3 1/2 3	39 19 0	0 4 0	Nov. 1872
6000	Penhalls, t, St. Agnes	4 3 4	—	—	1 12 6	0 8 0	Mar. 1873
6000	Phenix, t, c, Linkinhorne	15 0 0	—	—	1 10 0	0 10 0	July 1872
1774	Polherro, t, St. Agnes	10 0 0	—	—	104 12 6	0 10 0	Sept. 1872
2000	Police, c, Gwennap	1 0 0	—	—	2 8 0	0 8 0	Feb. 1873
15000	Prince Patricia, s, t, Holywell	12 6 7	—	12	0 1 0	0 1 0	Feb. 1873
1120	Providence, t, t, Uny Lelant*	7 10 0	—	21	0 1 1	0 1 1	Sept. 1872
12000	Roman Gravel, t, Salop*	1 0 0	—	—	706 10 0	4 0 0	May 1873
10000	Shelton, t, t, St. Austell*	1 0 0	—	—	0 10 0	0 2 6	June 1872
6000	Shelford Dressing, t, Calstock*	1 0 0	—	—	17 0 0	0 16 0	Nov. 1872
5000	South Caradon, c, t, Illogan*	117 6	—	3 1/2 3 1/2	0 1 8	0 1 8	Nov. 1872
6000	South Caradon, c, t, Illogan*	3 6 6	—	—	17 0 0	0 10 0	Nov. 1872
242	Spearhead, t, St. Just	38 17 9	—	—	0 9 0	0 4 0	Nov. 1872
940	St. Ives Consols, t, St. Ives	10 15 0	—	11 1/2 11 1/2	3 8 0	0 3 0	Feb. 1873
8771	St. Just Amalgamated, t*	6 0 0	—	—	0 3 0	0 16 0	Nov. 1872
12000	Tankerville, t, Salop*	6 0 0	—	—	44 3 6	1 10 0	Mar. 1873
25000	Terras, t, St. Austell	9 0 0	—	55	9 11 0	0 10 0	Nov. 1872
6000	Tincroft, c, t, Pool, Illogan*	5 15 0	—	11	32 10 0	0 8 0	June 1873
4000	Trumpler, t, Linkinhorne	4 5 0	—	40	52 10 0	0 16 0	June 1873
15000	Van, t, Llanidloes*	10 0 0	—	11 1/2 9 1/2	32 10 0	0 8 0	June 1873
3000	W. Chiverton, t, Perranabuloe*	26 13 9	—	14	638 10 0	10 0 0	Aug. 1872
2045	West Wheal Frances, t, Illogan	5 2 6	—	55	10 0 0	0 7 6	July 1872
512	Wheal Bassett, c, Illogan*	7 14 6	—	5 1/2 4 1/2	10 0 0	0 10 0	May 1873
5179	Wheal Grenville, c, Camborne*	2 13 10	—	15	82 2 3	0 10 0	May 1872
2045	Wheal Jane, t, Kea	5 4 6	—	14 14 1/2	0 1 0	0 1 0	Jan. 1873
4296	Wheal Kitty, t, St. Agnes	13 17 6	—	6	0 1 0	0 1 0	Jan. 1873
10000	Wheal Margaret, t, Uny Lelant*	5 0 0	—	—	74 5 6	0 2 6	June 1873
1024	Wheal Mary Ann, t, Menhenott*	10 0 0	—	7	522 10 0	4 0 0	Aug. 1872
80	Wheal Owles, t, St. Just	70 0 0	—	—	0 2 0	0 4 0	Oct. 1872
12000	Wheal Russell, c, Tavistock	1 0 0	—	—	255 15 0	1 0 0	Jan. 1873
1356	Wheal Seton, t, c, Camborne	73 0 0	—	50	0 1 0	0 1 0	Jan. 1873
15000	Wheal Tregoss, t, Roche	1 0 0	—	—	0 16 0	0 8 0	May 1873
10000	Wheal Whisper, t, c, Warleggan*	1 0 0	—	3 2 1/2 3 1/2	52 0 0	0 2 6	Mar. 1872
25000	Wicklow, c, t, t, Wicklow	2 10 0	—	4	—	—	—

FOREIGN DIVIDEND MINES.

Shares.	Mines.	Paid.	Last Pr.	Clos. Pr.	Total divs.	Per share.	Last paid
35000	Alamillos, t, Spain*	2 0 0	—	2 1/2 2 1/2	1 1 8	0 2 6	Mar. 1873
30000	Almaden and Tinto Consols, s*	1 0 0	—	—	0 3 0	0 1 0	May 1873
20000	Australian, c, South Australia*	7 7 6	—	1 1/2 1	0 0 0	0 0 0	Nov. 1872
10000	Battle Mountain, t, c, (8240 part pd.)	5 0 0	—	—	0 7 0	0 2 0	Apr. 1873
15000	Birdseye Creek, c, California*	1 0 0	—	2 1/2 1 1/2	0 9 4	0 6 0	Mar. 1873
6000	Bonanza, t, Germany	10 0 0	—	—	54 0 0	0 10 0	Oct. 1872
12320	Burra Burra, t, c, Australia	7 0 0	—	27 24 1/2 25 1/2	12 15 0	1 0 0	June 1873
20000	Cape Copper Mining Co., California*	5 0 0	—	2 1/2 2 1/2	0 5 0	0 2 6	June 1873
140000	Cedar Creek, c, California*	0 15 0	—	—	0 6 0	0 1 0	June 1873
30000	Central American Association*	2 0 0	—	—	0 8 0	0 2 0	Oct. 1872
15000	Chicago, c, Utah*	2 0 0	—	2 1/2 2 1/2	0 8 0	0 2 0	Oct. 1872
21000	Colorado Terrible, s, Colorado*	5 0 0	—	2 1/2 2 1/2	2 5 0	0 2 0	Mar. 1872
7162	Don Pedro North del Rey*	0 14 0	—	—	1 0 0	0 0 0	July 1871
23500	Eberhardt and Aurora, s, Nevada*	10 0 0	—	4 1/2 3 1/2	3 12 0	6 0 0	Dec. 1872
60000	Emma, t, c, Utah (25,000 fully pd.)	20 0 0	—	2 1/2 1 1/2	2 7 3	0 2 6	Mar. 1873
70000	English and Australian, t, St. Austell	2 0 0	—	—	0 3 0	0 3 0	Apr. 1872
15000	Ferguson, c, California*	10 0 0	—	12 1/2 12 1/2	3 17 0	0 5 0	June 1873
30000	Flacsa, t, Spain*	2 0 0	—	—	3 14 4	0 5 0	May 1873
25000	Fortuna, t, Spain*	1 0 0	—	—	0 2 0	0 4 0	Oct. 1872
50000	Gold Run, t, t, t	1 0 0	—	—	0 2 0	0 2 0	June 1873
48000	Kapunda Mining Co. Australia*	1 3 0	—	—	0 12 0	0 2 0	June 1873
20000	Lead Chance, s, t, Utah	5 0 0	—	7 1/2 7 1/2	14 0 0	0 7 6	Mar. 1873
15000	Linares, t, Spain*	3 0 0	—	—	1 11 6	0 10 0	Mar. 1873
7837	Lusitania, Portugal* (45 shares)	10 0 0	—	1 1/2 1 1/2	0 5 0	0 5 0	Dec. 1872
15000	Mammoth Copperopolis of Utah, c, s	10 0 0	—	—	0 4 0	0 4 0	Jan. 1873
5000	Mountain Chief, t, c, t	30 0 0	—	—	3 0 0	1 0 0	Sept. 1872
18000	Prentiss, t, c, France*	20 0 0	—	21	13 11 0	0 19 6	Jan. 1872
100000	Port Phillip, c, Clunes*	1 0 0	—	—	1 0 0	0 4 0	Apr. 1872
40000	Richmond Consols, s, Nevada*	5 0 0	—	—	8 per cent.	—	May 1873
120000	Sierra Australis Mining Co. t*	1 0 0	—	—	1 4 0	0 2 0	June 1873
112500	Santa Buttes, c, California*	2 0 0	—	—	0 12 0	0 5 0	June 1871
60000	South Aurora, c, Nevada	0 0 0	—	—	1 18 0	0 4 0	June 1872
15000	Sweetland Creek, c, California*	4 0 0	—	—	0 5 0	0 2 6	Nov. 1872
20000	Tollma, t, s, (8000 sh. are £5 f. pd.)	3 0 0	—	—	28 10 0	5 0 0	Dec. 1872
800	Westphalia, s, c, Prussia*	20 0 0	—	—	—	—	—

NON-DIVIDEND FOREIGN MINES.

Shares.	Mines.	Paid.	Last Pr.	Clos. Pr.	Last Coll.
50000	Anglo-Argentine, g, s, * (15 per cent. Preference)	1 0 0	—	¼ ½	..Fully pd. ..Sept. 1872
20000	Anglo-Australian, g, Victoria*	2 10 0	—	—	..Fully pd.
50000	Aruba, g, Dutch West Indies*	10 0 0	—	—	..Fully pd.
20000	Australian United, g, Victoria*	2 10 0	—	½ ½	..Fully pd.
3000	Bellavista, g, Brazil*	8 10 0	—	—	..Oct. 1870
50000	Brazzaville, g, Brazil*	0 15 0	—	—	..Fully pd.
12000	Camp Floyd, s, Utah*	10 0 0	—	½ ¾	..Fully pd.
35000	Cesena Sulphur Company, Romagna, Italy*	10 0 0	—	¾ ¾	..Fully pd.
50152	Chontales, g, s, Nicaragua* (and 12,542 of £1 15s.)	5 0 0	—	¾ ¾	..Feb. 1871
4000	Clifton, s, Colorado*	10 0 0	—	—	..Fully pd.
10000	Crescent, g, Plumas County, California*	0 17 6	—	—	..June 1872
100000	Culaba, g, Minas Geraes, Brazil*	2 0 0	—	—	..Fully pd.
7500	East Sheboygan Preference* (40,000 ordinary shares)	6 0 0	—	—	..Fully pd.
35000	Excelsior Hydraulic Gold Washing Co., California*	1 0 0	—	—	..Fully pd.
60000	Exchequer, g, t, California*	2 0 0	—	¾ ¾ ¾	..Fully pd.
55000	Frontino and Bolivia, g, New Granada*	1 0 0	—	¾ ¾ ¾	..Fully pd.
60000	General Brazilian, g*	0 15 0	—	¾ ¾ ¾	..May 1873
40000	Holcombe Valley, g*, California	3 0 0	—	—	..April 1873
10000	Hudson, g, California*	5 0 0	—	—	..Fully pd.
20000	Imperial Brazilian Collieries, Brazil*	5 0 0	—	—	..Fully pd.
20000	I. X. L., g, s, California*	2 0 0	—	¾	..Fully pd.
50000	Javali, g, Nicaragua*	5 0 0	—	—	..Fully pd.
11000	Kansas, g, Colorado*	1 5 0	—	—	..Fully pd.
12500	Lanerosa, t, s, Viscaya, Spain (82 shares)	2 0 0	—	—	..Sept. 1872
25000	London and California, g*	0 12 3	—	—	..Fully pd.
75000	Malabar, g, Colombia* (65000 issued)	10 0 0	—	—	..May 1873
4000	Malaga, t, Spain*	1 0 0	—	1 ½	..Fully pd.
20000	Malpas, g, Colombia*	5 0 0	—	1 ½	..Fully pd.
12000	Menzenberg, c, Honnet, Germany*	2 0 0	—	—	..Allotment
14000	Montagne & Waverley Gold Quartz-Crushing Co., N. Scot.	5 0 0	—	—	..Fully pd.
6000	Monte Loretto, c, Italy*	5 0 0	—	4 ½	..Fully pd.
81000	New Quebrada, c, Venezuela*	1 0 0	—	3 ½	..Fully pd.
5000	New Rosario, s, Mexico*	5 0 0	—	—	..Allotment
20000	New Zealand Kapanga, g, Coromandel*	5 0 0	—	—	..Fully pd.
15000	Newfoundland, c*	10 0 0	—	—	..Fully pd.
20000	North American, c*	7 0 0	—	¾ ¾ ¾	..Fully pd.
15000	Pacific, c, s, Nevada (and reduced)*	4 0 0	—	3 ½ 2 ½	..Fully pd.
50000	Panulillo, c, Chile*	3 0 0	—	¾ ¾ ¾	..Fully pd.
40000	Pastorena, c, Italy*	1 0 0	—	¾ ¾ ¾	..Fully pd.
60000	Rio, g, Colombia*	0 18 0	—	¾ ¾ ¾	..Oct. 1872
100000	Rosa Grande, g, Brazil* (21 shares)	10 0 0	—	—	..Fully pd.
32500	Ruby Consolidated, s, Nevada*	10 0 0	—	4 ½ 4 ½	..Fully pd.
20000	Russia, c, Orenburg and Uta*	10 0 0	—	3 ¾ 3 ¾	..Fully pd.
25000	San Pedro, c, Chili*	2 0 0	—	—	..Mar. 1872
20000	Santa Barbara, g, Brazil	5 0 0	—	—	..Fully pd.
15000	Satum, s, Utah*	1 0 0	—	—	..Fully pd.
10000	Silver Plume, s, Colorado*	2 0 0	—	—	..Fully pd.
37500	Snodgrass, s, Colorado*	100 0 0	160	170 180	..Oct. 1872
2500	St. John del Rey, Brazil*	2 0 0	—	—	..Fully pd.
25000	St. John del Rey, Brazil* (12000 issued)	10 0 0	10 ½	10 10 ½	..Fully pd.
30000	Thorma, s, Utah*	1 0 0	—	1 ½ 2	..Fully pd.
20000	Thornhill Reef, g, Australia*	28 0 0	28	28 21 ½	..May 1868
42174	United Mexican, s, Mexico*	4 0 0	1 ½	1 ¾ 1 ¾	..Fully pd.
24000	Utah, g, s, Utah* (25 sh.)	1 0 0	—	¾ ¾	..Fully pd.
75000	Yorke Peninsula, c, South Australia	3 0 0	—	—	..Fully pd.
5000	Yudnamutana, c, South Australia*	—	—	—	..Fully pd.